

PERSONAL PROTECTIVE EQUIPMENT



Clothing or gear employees wear to decrease their chances of injury or illness in the workplace

TYPES OF PPE



Safety shoes



Goggles



Gloves

YOUR RESPONSIBILITIES

- ✓ Assess hazards
- ✓ Determine what PPE you need
- ✓ Purchase PPE
- ✓ Train employees



DYNACHEM

RUST STAIN REMOVER

DESCRIPTION:

New technology developed to eliminate rust stains on fiber surfaces. Research with new surfactants and non-hazardous solvents has allowed the removal of dangerous HF acid from this rust remover. In its place, we have utilized an acid used in food applications. This allows greater safety for employees and minimizes the risk of color loss.

PRODUCT FEATURES: Removal of:

1. Rust stains from direct metal contact.
2. Stains from rusty water leaks.
3. Residual stains from some types of inks.
4. Dye assistant for difficult fibers.
5. Grout surface renewal procedures
6. Slime from fibers

USAGE:

1. Pull spout-top to open position.
2. Apply small amount to stained area.
3. Rust stain will fade within a few minutes.
4. Extract with normal cleaning equipment.
5. Dye pH set - 1 oz/ gallon hot water
6. Grout Etching - 1 oz per 16 oz. water
7. Scale Removal - 1 Quart per TM, circulated for 15 minutes.
8. Slime Removal - Break up hard residue & apply liberally. Let dwell for 15 min.

CAUTION: Due to low pH of this product, avoid contact with the skin or eyes. Some improper dyes will show color shift with low pH. Reverse pH if this occurs

PACKAGING:

Twelve 16 Ounce	Polyethylene Containers	13 lbs.
Twelve 32 Ounce	Polyethylene Containers	25 lbs.
Six 1 Gallon	Polyethylene Containers	53 lbs.

DYNACHEM DIVISION - COBB CARPET SUPPLY
NATIONAL WATS: 800-634-2622 Web- www.cobbcarpets.com
DALLAS STORE - 214-634-2622 NORTHEAST DALLAS STORE - 214-340-8868

SAFETY DATA SHEET --- Date Prepared 1/17

SECTION 1 - PRODUCT IDENTIFICATION & COMPANY INFO

Distributor Name DYNACHEM DIVISION COBB CARPET SUPPLY CO. Emergency Telephone Number 800-634-2622

Address 1314 Viceroy Dr. Dallas, TX 75247

Trade Name DYNACHEM RUST REMOVER

Product Type ACID CLEANING LIQUID

Chemical Family ACID-BASED CLEANER

SECTION 2 - HAZARDS IDENTIFICATION - GHS SIGNAL WORD: DANGER



Respiratory Tract Irritant



Aspiration Toxicity

SECTION 3 - INGREDIENT IDENTIFICATION

Chemical Name/Common Name	CAS No.	Percent (opt.)	TLV (source)
Orthophosphoric Acid	7664-38-2	<10	1mg/cu.meter

SECTION 4- EMERGENCY FIRST AID PROCEDURES

Eyes - Flush eyes with water for at least 15 minutes and call a physician.

Skin - wash affected areas with large amounts of soap and water, if irritation persists call a physician.

Ingestion - DO NOT induce vomiting. Dilute by drinking water. Call a physician immediately.

Inhalation - Remove to fresh air. If breathing has stopped artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: - (T.C.C.) None to Boiling Flammable Limits N.A.

Extinguishing Media - Water Sprayer; Dry Chemical; Carbon Dioxide; Foam

Special Fire Fighting Procedures - Firefighters should wear a self-contained breathing apparatus with full protective equipment. Unusual Hazards - KEEP AWAY FROM OPEN FLAME.

SECTION 6 - ACCIDENTAL RELEASE MEASURES Stop spill at source Wear ORGANIC VAPOR RESPIRATOR (NIOSH) Do not discharge to streams, ponds, lakes or sewer. Use absorbent compound to soak up liquid.

SECTION 7 - HANDLING & STORAGE

Do not breathe vapors or spray mist. Wash hands after handling. Avoid open flames or repeated contact of concentrated product with skin and/or eyes may cause irritation and reddening. Ingestion may cause nausea, vomiting, diarrhea and mucosal irritation. INHALING EXCESSIVE AMOUNTS OF VAPOR MAY PRODUCE AN TOXIC EFFECT. Signs and Symptoms of Overexposure (chronic) - PROLONGED INHALATION OF EXCESSIVE VAPOR CONCENTRATIONS MAY CAUSE ORGAN INJURY. Medical Conditions Aggravated by Overexposure - Respiratory deficiency

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection - ORGANIC VAPOR RESPIRATOR (NIOSH)

Ventilation Requirements - Mechanical Exhaust Fan

Protective Gloves -Use Nitrile Rubber Eye Protection : Safety Glasses/Goggles

Other Protective Clothing - Work clothing covering arms and legs. Apron and face shield if splashing is expected.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling Point (F) 215 F Specific Gravity (H2O=1.0) 1.1 pH= 2.0

Vapor Pressure (mmHg) NA Vapor Density (Air=1) 1.5

Solubility in Water - Complete Evaporation Rate (vsH20) Slower

Appearance and Odor: AMBER LIQUID WITH ACID ODOR

SECTION 10 - STABILITY & REACTIVITY Stability STABLE

Incompatibility: Metals; Peroxides, Oxidizers

Hazardous Decomposition Products - Carbon Monoxide,

SECTION 11 - TOXICOLOGICAL INFORMATION Routes of Entry - Inhalation

Skin- Severely Irritating with exposure Eye- Severely Irritating

SECTION 12- ECOLOGICAL INFORMATION Ecotoxicity Aquatic - No information available

SECTION 13- DISPOSAL INFORMATION Do not dump this product in sewers, on the ground, or into any body of water. Dispose of in accordance with EPA, state & local regulations

SECTION 14 - TRANSPORT INFORMATION LAND - DOT Classification: HM181 Hazard Class - UN 1805 PGIII HC 8; ; PG III; Corrosive-(ORM D in 1 Gallon or less sizes)

SECTION 15 - REGULATORY INFORMATION - Sara 313 Yes

SECTION 16 - OTHER INFORMATION NFPA Rating - Health - 2, Flammability -0, Reactivity - 0, Specific Hazard - None

DYNACHEM

ENCAPSULATE

SR CLEANER

DESCRIPTION:

New Durable StainResist properties resist staining from coffee and drinks.
 Anti-Resoil Polymer resists resoiling and dries to a microscopic protective film on the carpet fiber.
 Neutral liquid detergent with slight foaming properties for minimal wetting of fabrics.
 Solvent-free formulation made possible by new surfactant technology.
 Minimizes wick-back of pre-existing stains.
 Contains **NO Hazardous Ingredients** as defined by OSHA regulations.

PRODUCT FEATURES:

1. Dries to a durable film on the fiber which allows vacuuming away soil.
2. Anti-Resoil additive is comparable to fluorochemical protectors.
3. StainResist is durable to Hot Water Extraction.
4. Polymer reduces wicking of stains in the backing.
5. Effective surfactant for removing grease and oils.
6. Built-in water softening agent which eliminates "soap film".
7. Suspends particulate soils for effective removal.
8. Meets California V.O.C. regulations
9. Pleasant fresh clean fragrance.
10. Low alkalinity meets wool standards @ 8oz./Gallon
11. Coverage - 2000 sq.ft. per gallon with normal soil conditions.
12. For stains, can be boosted with DC Liquid Brightener @ 2 oz./gallon (synthetics only)

USAGE:

Rotary/Cylindrical Brush Floor Machines - 8 ounces/Gallon Hot Water
 Extraction - Prespray at 16 oz./gallon dilution ; Extreme Soil at 24oz./Gal.
 Allow 10/15 minutes dwell time;
 Rinse Agent - 1oz /Gallon with hot water
 Spotting - 16 ounces/Quart Hot Water {+2oz. DC Liquid Brightener}

PACKAGING:

Six	1 Gallon	Polyethylene Containers	54 lbs.
One	5 Gallon	Polyethylene Container	44 lbs.
One	55 Gallon	Polyethylene Drum	520 lbs.

DYNACHEM DIVISION - COBB CARPET SUPPLY
 NATIONAL WATS: 800-634-2622 Web- www.cobbcarpet.com
 DALLAS STORE - 214-634-2622 NORTHEAST DALLAS STORE - 214-340-8868

SAFETY DATA SHEET - - - Date Prepared 6/20

SECTION 1 - PRODUCT IDENTIFICATION & COMPANY INFO

Distributor Name DYNACHEM DIVISION COBB CARPET SUPPLY CO. Emergency Telephone Number 800-634-2622
Address 1314 Viceroy Dr. Dallas, TX 75247

Trade Name **DYNACHEM ENCAPSULATE SR, ENCAPSULATE , ENCAPSULATE 2X**

Product Type NEUTRALIZING LIQUID Chemical Family WATER-BASED DETERGENT

SECTION 2 - HAZARDS IDENTIFICATION - GHS SIGNAL WORD: WARNING



Respiratory Tract Irritant

SECTION 3 - INGREDIENT IDENTIFICATION

Chemical Name/Common Name	CAS No.	Percent (opt.)	TLV (source)
Proprietary Surfactant		<20	
Water	7732-18-5	<80	

SECTION 4- EMERGENCY FIRST AID PROCEDURES

Eyes - Flush eyes with water for at least 15 minutes .

Skin - Wash affected areas with soap and water, if irritation persists call a physician.

Ingestion - Dilute by drinking water. Call a physician if irritation persists.

Inhalation - Remove to fresh air.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: None (T.C.C.) Flammable Limits N.A.

Extinguishing Media - Water Sprayer; Dry Chemical; Carbon Dioxide; Foam

Special Fire Fighting Procedures - Firefighters should wear a self-contained breathing apparatus with full protective equipment.

SECTION 6 - ACCIDENTAL RELEASE MEASURES Stop spill at source . Do not discharge to streams, ponds, lakes or sewer. Use absorbent compound to soak up liquid.

SECTION 7 - HANDLING & STORAGE

Do not breathe vapors or spray mist. Wash hands after handling. Avoid open flames, prolonged or repeated contact of concentrated product with skin and/or eyes may cause irritation . Ingestion may cause mucousal irritation. Signs and Symptoms of Overexposure (chronic)

Medical Conditions Aggravated by Overexposure - None

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection - Not normally required

Ventilation Requirements - Mechanical Exhaust Fan

Protective Gloves - Nitrile Rubber Eye Protection :- Safety Glasses/Goggles

Other Protective Clothing - Work clothing covering arms and legs. Apron and face shield if splashing is expected.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling Point (F) 210 F Specific Gravity (H2O=1.0) 1.0 pH=8

Vapor Pressure (mmHg) NA Vapor Density (Air=1) NA

Solubility in Water - Complete

Evaporation Rate (vsH2O) About the Same

Appearance and Odor: Tan Tinted Liquid, Pleasant Odor

SECTION 10 - STABILITY & REACTIVITY Stability STABLE Incompatibility: Reducing agents

Hazardous Decomposition Products - Unknown

SECTION 11 - TOXICOLGICAL INFORMATION Routes of Entry -Inhalation - Minimum Toxicity, Skin-Irritating with prolonged exposure; Eye Discomfort to eyes

SECTION 12- ECOLOGICAL INFORMATION Ecotoxicity Aquatic - No information available

SECTION 13- DISPOSAL INFORMATION Do not dump this product sewers, on the ground, or into any body of water. Dispose of in accordance with EPA, state & local regulations

SECTION 14 - TRANSPORT INFORMATION LAND - DOT Classification: Not Regulated ; IMDG - Non-Hazardous

SECTION 15 - REGULATORY INFORMATION Sara 313 None

SECTION 16 - OTHER INFORMATION

NFPA Rating - Health - 1 , Flammability -0 , Reactivity - 0, Specific Hazard - None

DYNACHEM

HEAVY DUTY PRECONDITIONER

DESCRIPTION:

Highly concentrated prespray utilizing natural citrus solvents to remove oily soils while leaving a pleasant fragrance. May be used with both wet and dry cleaning systems. Acts as a booster in wet cleaning system. Formulated to meet current specifications of the major fiber producers. In use it leaves a pH below 10, has no cationic ingredients and has no optical brighteners. Leaves no residue on the fibers after rinsing.

PRODUCT FEATURES:

1. Pleasant citrus fragrance assures customer satisfaction.
2. Natural citrus solvents remove grease and oil deposits.
3. Low surface tension surfactants attack soil even on new-generation fibers.
4. Water softening agent aids cleaning and prevents water hardness deposits on fibers.
5. Very high active ingredients minimizes storage and shipping costs.

USAGE:

Carpet Prespray	10 to 24 ounces/Gallon hot water (according to soil)
Upholstery Prespray	24 ounces/Gallon hot water with light application
Spotting Oil & Grease	8 ounces/Quart hot water (soil filtration lines)

PACKAGING:

Six	1 Gallon	Barrier Polyethylene Containers	57 lbs.
One	5 Gallon	Polyethylene Container	48 lbs.
One	55 Gallon	Polyethylene Drum	520 lbs.

DYNACHEM DIVISION - COBB CARPET SUPPLY
NATIONAL WATS: 800-634-2622 Web- www.cobbcarpet.com
DALLAS STORE - 214-634-2622 NORTHEAST DALLAS STORE - 214-340-8868



SAFETY DATA SHEET - - - Date Prepared 6/16

SECTION 1 - PRODUCT IDENTIFICATION & COMPANY INFO

Distributor Name DYNACHEM DIVISION COBB CARPET SUPPLY CO. Emergency Telephone Number 800-634-2622 Address 1314 Viceroy Dr. Dallas, TX 75247

Trade Name **DYNACHEM HEAVY DUTY PRECONDITIONER**

Product Type DETERGENT LIQUID

Chemical Family WATER-BASED CARPET DETERGENT

SECTION 2 - HAZARDS IDENTIFICATION - GHS SIGNAL WORD: WARNING



Respiratory Tract Irritant . . .



Aspiration Toxicity

SECTION 3 - INGREDIENT IDENTIFICATION

Chemical Name/Common Name	CAS No.	Percent (opt.)	TLV (source)
d-Limonene	5989-27-85	<10	50 - TWA ACGIH
2-BUTOXYETHANOL	111-76-2		50
DICHLOROMETHANE	75-09-2		500-OSHA

SECTION 4- EMERGENCY FIRST AID PROCEDURES

Eyes - Flush eyes with water for at least 15 minutes and call a physician.

Skin - wash affected areas with large amounts of soap and water, if irritation persists call a physician.

Ingestion - DO NOT induce vomiting. Dilute by drinking water. Call a physician immediately.

Inhalation - Remove to fresh air. If breathing has stopped artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: None (T.C.C.) Flammable Limits N.A.

Extinguishing Media - Water Sprayer; Dry Chemical; Carbon Dioxide; Foam

Special Fire Fighting Procedures - Firefighters should wear a self-contained breathing apparatus with full protective equipment. Unusual Hazards - NATURAL GAS PILOTS, CLOTHES DRYERS, open flames

SECTION 6 - ACCIDENTAL RELEASE MEASURES Stop spill at source Wear ORGANIC VAPOR RESPIRATOR (NIOSH) Do not discharge to streams, ponds, lakes or sewer. Use absorbent compound to soak up liquid.

SECTION 7 - HANDLING & STORAGE

Do not breathe vapors or spray mist. Wash hands after handling. Avoid open flames nged or repeated contact of concentrated product with skin and/or eyes may cause irritation and reddening. Ingestion may cause nausea, vomiting, diarrhea and mucousal irritation. Signs and Symptoms of Overexposure (chronic)

Medical Conditions Aggravated by Overexposure - Respiratory deficiency

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection - ORGANIC VAPOR RESPIRATOR (NIOSH)

Ventilation Requirements - Mechanical Exhaust Fan or HVAC

Protective Gloves - Nitrile Rubber Eye Protection :- Safety Glasses/Goggles

Other Protective Clothing - Work clothing covering arms and legs. Apron and face shield if splashing is expected.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling Point (F) 205 F Specific Gravity (H2O=1.0) 1.05 pH=10.9

Vapor Pressure (mmHg) NA Vapor Density (Air=1) 1.2

Solubility in Water - Complete

Evaporation Rate (vsH2O) About the Same

Appearance and Odor: Amber Liquid, Citrus Odor

SECTION 10 - STABILITY & REACTIVITY Stability STABLE Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products - Carbon Monoxide, Hydrogen Chloride

SECTION 11 - TOXICOLGICAL INFORMATION Routes of Entry -Inhalation- Irritating , Skin-Irritating with prolonged exposure; Eye - Very Irritating

SECTION 12- ECOLOGICAL INFORMATION Ecotoxicity Aquatic - No information available

SECTION 13- DISPOSAL INFORMATION Do not dump this product sewers, on the ground, or into any body of water. Dispose of in accordance with EPA, state & local regulations

SECTION 14 - TRANSPORT INFORMATION LAND - DOT Classification: Not Regulated; Marine Transport - IMDG Classification - Not Regulated

SECTION 15 - REGULATORY INFORMATION Sara 313 yes

SECTION 16 - OTHER INFORMATION

NFPA Rating - Health - 1 , Flammability -1 , Reactivity - 0, Specific Hazard - None

DYNACHEM

DEFOAMER

DESCRIPTION:

Liquid white silicone anti-foam emulsion with fast knock-down properties. It will prevent foam, in addition to destroying existing foam.

PRODUCT FEATURES:

1. Highly concentrated.
2. Effective against nonionic, anionic and cationic surfactant systems.
3. Long shelf life without separation.
4. Odorless & Nontoxic.

USAGE:

Before starting cleaning procedure, pour 2 ounces into vacuum hose (preferred) or recovery tank.

PACKAGING:

Six	1 Gallon	Polyethylene Containers	53lbs.
One	5 Gallon	Polyethylene Container	44lbs.

DYNACHEM DIVISION - COBB CARPET SUPPLY
NATIONAL WATS: 800-634-2622 Web- www.cobbcarpet.com
DALLAS STORE - 214-634-2622 NORTHEAST DALLAS STORE - 214-340-8868

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SAFETY DATA SHEET - - - Date Prepared 5/17

SECTION 1 - PRODUCT IDENTIFICATION & COMPANY INFO

Distributor Name DYNACHEM DIVISION COBB CARPET SUPPLY CO. Emergency Telephone Number 800-634-2622

Address 1314 Viceroy Dr. Dallas, TX 75247

Trade Name **Dynachem Defoamer**

Product Type Defoamer

Chemical Family - **Silicone Polymer**

SECTION 2 - HAZARDS IDENTIFICATION - None, AS WE INTERPRET THE OCCUPATIONAL HEALTH AND SAFETY ACT, THIS PRODUCT IS NOT HAZARDOUS

SECTION 3 - INGREDIENT IDENTIFICATION

Chemical Name/Common Name	CAS No.	Percent (opt.)	TLV (source)
Proprietary Silicone Emulsion		<20	
Water	7732-18-5	~80	

SECTION 4 - EMERGENCY FIRST AID PROCEDURES

Eyes - Flush eyes with water for at least 15 minutes .

Skin - Wash affected areas with soap and water.

Ingestion - Dilute by drinking water. Call a physician if irritation persists.

Inhalation - Remove to fresh air.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: None (T.C.C.) Flammable Limits N.A.

Extinguishing Media - Water Sprayer; Dry Chemical; Carbon Dioxide; Foam

Special Fire Fighting Procedures - Firefighters should wear a self-contained breathing apparatus .

SECTION 6 - ACCIDENTAL RELEASE MEASURES Stop spill at source . Do not discharge to streams, ponds, lakes or sewer. Use absorbent compound to soak up liquid.

SECTION 7 - HANDLING & STORAGE

Do not breathe vapors or spray mist. Wash hands after handling. Avoid prolonged or repeated contact of concentrated product with skin and/or eyes . Ingestion may cause mucosal membrane irritation. Signs and Symptoms of Overexposure (chronic) Medical Conditions Aggravated by Overexposure - None

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection - Not normally required

Ventilation Requirements - Mechanical Exhaust Fan

Protective Gloves - Nitrile Rubber Eye Protection :- Safety Glasses/Goggles

Other Protective Clothing - Work clothing covering arms and legs. Apron and face shield if splashing is expected.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling Point (F) 210 F Specific Gravity (H2O=1.0) 1.0 pH=7

Vapor Pressure (mmHg) NA Vapor Density (Air=1) NA

Solubility in Water - Complete

Evaporation Rate (vsH2O) About the Same

Appearance and Odor: Whitish Liquid, Little Odor

SECTION 10 - STABILITY & REACTIVITY Stability STABLE Incompatibility: None

Hazardous Decomposition Products - None

SECTION 11 - TOXICOLGICAL INFORMATION Routes of Entry -Inhalation-Minimum

Toxicity, Skin- Non Irritating; Eye Discomfort to eyes

SECTION 12- ECOLOGICAL INFORMATION Ecotoxicity Aquatic - No information available

SECTION 13- DISPOSAL INFORMATION Do not dump this product sewers, on the ground, or into any body of water. Dispose of in accordance with EPA, state & local regulations

SECTION 14 - TRANSPORT INFORMATION LAND - DOT Classification: Not Regulated

SECTION 15 - REGULATORY INFORMATION Sara 313 None

SECTION 16 - OTHER INFORMATION

NFPA Rating - Health - 0 , Flammability -0 , Reactivity - 0, Specific Hazard - None

DYNACHEM

BROWNING & COFFEE REMOVER

DESCRIPTION:

New technology developed to remove difficult coffee stains on synthetic and wool fibers. Mild reducing agent (removes oxygen from stain) also removes browning.

PRODUCT FEATURES:

1. Removes coffee and tea stains.
2. Removes "browning" from fibers.
3. Removes contact dye stains (fugitive colors).
4. Removes water stain rings and some color fading.
6. Less damaging to dyes and natural fibers than oxidizing bleaches.
7. Heat accelerates the activity.

USAGE: CARPET AND UPHOLSTERY BROWNING

1. Use as is; no mixing required.
2. Spray with trigger sprayer until stain is wet.
3. Allow up to 10 minutes depending on severity of stain.
4. Extract with vacuum only; stain will continue to lighten as it dries.

PACKAGING:

Four	1 Gallon	Polyethylene Containers	53 lbs.
One	5 Gallon	Polyethylene Container	46 lbs.

DYNACHEM DIVISION - COBB CARPET SUPPLY
NATIONAL WATS: 800-634-2622 Web- www.cobbcarpet.com
DALLAS STORE - 214-634-2622 NORTHEAST DALLAS STORE - 214-340-8868

SAFETY DATA SHEET - - - Date Prepared 5/16

SECTION 1 - PRODUCT IDENTIFICATION & COMPANY INFO

Distributor Name DYNACHEM DIVISION COBB CARPET SUPPLY CO. Emergency Telephone Number 800-634-2622

Address 1314 Viceroy Dr. Dallas, TX 75247

Trade Name DYNACHEM BROWNING & COFFEE REMOVER

Product Type Reducing Liquid

Chemical Family Water-Based Spotter

SECTION 2 - HAZARDS IDENTIFICATION - GHS SIGNAL WORD: **WARNING**



Respiratory Tract Irritant

SECTION 3 - INGREDIENT IDENTIFICATION

Chemical Name/Common Name	CAS No.	Percent (opt.)	TLV (source)
SODIUM BISULFITE	7631-90-5	<4	5
SODIUM METABISULFITE	7681-57-4	<1	5

SECTION 4 - EMERGENCY FIRST AID PROCEDURES

Eyes - Flush eyes with water for at least 15 minutes .

Skin - Wash affected areas with soap and water, if irritation persists call a physician.

Ingestion - Dilute by drinking water. Call a physician if irritation persists.

Inhalation - Remove to fresh air.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: None (T.C.C.) Flammable Limits N.A.

Extinguishing Media - Water Sprayer; Dry Chemical; Carbon Dioxide; Foam

Special Fire Fighting Procedures - Firefighters should wear a self-contained breathing apparatus with full protective equipment.

SECTION 6 - ACCIDENTAL RELEASE MEASURES Stop spill at source . Do not discharge to streams, ponds, lakes or sewer. Use absorbent compound to soak up liquid.

SECTION 7 - HANDLING & STORAGE

Do not breathe vapors or spray mist. Wash hands after handling. Avoid open flames, prolonged or repeated contact of concentrated product with skin and/or eyes may cause irritation . Ingestion may cause mucosal membrane irritation. Signs and Symptoms of Overexposure (chronic) Medical Conditions Aggravated by Overexposure - None

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection - Not normally required

Ventilation Requirements - Mechanical Exhaust Fan

Protective Gloves - Nitrile Rubber Eye Protection :- Safety Glasses/Goggles

Other Protective Clothing - Work clothing covering arms and legs. Apron and face shield if splashing is expected.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling Point (F) 210 F Specific Gravity (H2O=1.0) 1.05 pH=4

Vapor Pressure (mmHg) NA Vapor Density (Air=1) NA

Solubility in Water - Complete Evaporation Rate (vsH2O) About the Same

Appearance and Odor: Tinted Liquid, Slight Odor of Sulfur Dioxide

SECTION 10 - STABILITY & REACTIVITY Stability STABLE Incompatibility: Reducing agents

Hazardous Decomposition Products - OXIDES OF SULFUR

SECTION 11 - TOXICOLOGICAL INFORMATION Routes of Entry -Inhalation-Minimum Toxicity, Skin-Irritating with prolonged exposure; Eye Discomfort to eyes

SECTION 12- ECOLOGICAL INFORMATION Ecotoxicity Aquatic - No information available

SECTION 13- DISPOSAL INFORMATION Do not dump this product sewers, on the ground, or into any body of water. Dispose of in accordance with EPA,state & local regulations

SECTION 14 - TRANSPORT INFORMATION LAND - DOT Classification: Not Regulated

IMDG - Non Hazardous

SECTION 15 - REGULATORY INFORMATION Sara 313 None

SECTION 16 - OTHER INFORMATION

NFPA Rating - Health - 1 , Flammability -0 , Reactivity - 0, Specific Hazard - None

SAFETY DATA SHEET ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Material number : R42310

Manufacturer or supplier's details

Company : Zep Inc.

Address : 350 Joe Frank Harris Parkway, SE
Emerson, GA 30137

Telephone : 404-352-1680

Emergency telephone numbers

For SDS Information : Compliance Services 1-877-428-9937

For a Medical Emergency : 877-541-2016 Toll Free - All Calls Recorded

For a Transportation
Emergency : CHEMTREC: 800-424-9300 - All Calls Recorded.
In the District of Columbia 202-483-7616

Recommended use of the chemical and restrictions on use

Note: This product is labeled as a consumer product in accordance with the United States Consumer Product Safety Commission regulations. The warnings presented below in this Safety Data Sheet (SDS) comply with the 2012 OSHA Hazard Communication Standard (GHS - Globally Harmonized System of Classification and Labeling). The requirements for the labeling and warnings of consumer products may differ from those required for GHS based hazard communication.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Colour	clear, purple
Odour	characteristic

GHS Classification

Skin corrosion : Category 1

Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Corrosion

Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.

SAFETY DATA SHEET

ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P363 Wash contaminated clothing before reuse.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]
Alcohols, C9-11, ethoxylated	68439-46-3	>= 1 - < 5
Oxirane, methyl-, polymer with oxirane, mono(2-ethylhexyl) ether	64366-70-7	>= 1 - < 5

The exact percentages of disclosed substances are withheld as trade secrets.

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
Get medical attention.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.
Remove contaminated clothing and shoes.
Wash contaminated clothing before reuse.
If skin irritation persists, call a physician.
- In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes.
Remove contact lenses.
Protect unharmed eye.

SAFETY DATA SHEET

ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

- Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
DO NOT induce vomiting unless directed to do so by a physician or poison control center.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : Effects are dependent on exposure (dose, concentration, contact time).
Effects are immediate and delayed.
Symptoms may include blistering, irritation, burns, and pain.
Causes severe skin burns and eye damage.
Review section 2 of SDS to see all potential hazards.
- Notes to physician : Treat symptomatically. Symptoms may be delayed.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon dioxide (CO₂)
Carbon monoxide
Smoke
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Standard procedure for chemical fires.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains, inform

SAFETY DATA SHEET

ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

respective authorities.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : Do not store near acids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : effective ventilation in all processing areas

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Material : Protective gloves
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Access to clean water to rinse eyes must be available, options include: eye wash stations or showers, or eye wash bottles with pure water.
Wear safety glasses with side shields or goggles.

Skin and body protection

: Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

: When using do not eat or drink.

SAFETY DATA SHEET

ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: clear, purple
Odour	: characteristic
Odour Threshold	: No data available
pH	: 11.50
Melting point/freezing point	: No data available
Boiling point	: No data available
Flash point	: Not applicable
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Density	: 1.007 g/cm ³
Bulk density	: No data available
Solubility(ies)	
Water solubility	: completely soluble
Solubility in other solvents	: not determined
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, dynamic	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable
Chemical stability	: Stable under normal conditions.
Possibility of hazardous	: No decomposition if stored and applied as directed.

SAFETY DATA SHEET

ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

reactions
Conditions to avoid : Extremes of temperature and direct sunlight.

Incompatible materials : Acids

Hazardous decomposition products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Aggravated Medical Condition : None known.

Symptoms of Overexposure : Effects are dependent on exposure (dose, concentration, contact time).
Effects are immediate and delayed.
Symptoms may include blistering, irritation, burns, and pain.
Causes severe skin burns and eye damage.
Review section 2 of SDS to see all potential hazards.
Treat symptomatically. Symptoms may be delayed.

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Components:

Alcohols, C9-11, ethoxylated:

Acute oral toxicity : LD50 Oral Rat: 1,400 mg/kg

Skin corrosion/irritation

Product:

Remarks: Extremely corrosive and destructive to tissue.

SAFETY DATA SHEET
ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

Serious eye damage/eye irritation

Product:

Remarks: Risk of serious damage to eyes.

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water : Remarks: No data available

Mobility in soil

No data available

SAFETY DATA SHEET

ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):
UN3266, Corrosive liquid, basic, inorganic, n.o.s., (SODIUM HYDROXIDE), 8, III - Limited quantity

Transportation Regulation: IMDG (Vessel):
UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE), 8, III - Limited quantity

Transportation Regulation: IATA (Cargo Air):
UN3266, Corrosive liquid, basic, inorganic, n.o.s., (SODIUM HYDROXIDE), 8, III

Transportation Regulation: IATA (Passenger Air):
UN3266, Corrosive liquid, basic, inorganic, n.o.s., (SODIUM HYDROXIDE), 8, III

Transportation Regulation: TDG (Canada):
UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE), 8, III - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

SAFETY DATA SHEET
ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

SECTION 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
sodium hydroxide	1310-73-2	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

DSL All components of this product are on the Canadian DSL
TSCA On TSCA Inventory

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

SAFETY DATA SHEET
ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

SECTION 16. OTHER INFORMATION

Further information

NFPA:

HEALTH	3
FLAMMABILITY	1
INSTABILITY	0
SPECIAL HAZARD.	

0 = not significant, 1 = Slight,
 2 = Moderate, 3 = High
 4 = Extreme

HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

OSHA - GHS Label Information:

Hazard pictograms



Corrosion

Signal word

Hazard statements

Precautionary statements

Danger:
 Causes severe skin burns and eye damage.

Prevention: Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SAFETY DATA SHEET
ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER

Version 3.1

Revision Date 04/23/2020

Print Date 09/27/2022

Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse.

Disposal: Dispose of contents/container in accordance with local regulation.

Version:	3.1
Revision Date:	04/23/2020
Print Date:	09/27/2022

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.



Emerel® Plus Alkaline Creme Cleanser

Revision: 2020-06-19

Version: 06.0

1. IDENTIFICATION

Product name: Emerel® Plus
Product Code: Alkaline Creme Cleanser
SDS #: 94496138
Recommended use: MS0800772
 • Industrial/Institutional
 • Cleaning product
Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:

US Headquarters Diversey, Inc. 1300 Altura Rd., Suite 125 Fort Mill, SC 29708 Phone: 1-888-352-2249 SDS Internet Address: https://sds.diversey.com	Canadian Headquarters Diversey Canada, Inc. 6150 Kennedy Road Unit 3 Mississauga, Ontario L5T 2J4 Phone: 1-800-668-7171
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Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Serious eye damage/eye irritation Category 2A



Signal word: Warning.

Hazard Statements

CAUSES SERIOUS EYE IRRITATION.

Precautionary Statements

Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice or attention. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Emerel® Plus
Alkaline Creme Cleanser

Ingredient(s)	CAS #	Weight %
Nepheline Syenite	37244-96-5	30 - 60%
Alkyl poly glycoside	110615-47-9	1 - 5%
Alcohol, C9-C11, ethoxylated	68439-46-3	> 0.1 - < 1%

*Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES

Undiluted Product:

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin: No specific first aid measures are required.

Inhalation: No specific first aid measures are required.

Ingestion: IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

5. FIRE-FIGHTING MEASURES

Specific methods: No special methods required
Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: None known.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Keep tightly closed in a dry, cool and well-ventilated place.

Aerosol Level (if applicable): Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Undiluted Product:

Engineering measures to reduce exposure:
 Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection: Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: No personal protective equipment required under normal use conditions.
Respiratory protection: No personal protective equipment required under normal use conditions.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Evaporation Rate: No information available
Odor threshold: No information available.
Melting point/range: Not determined
Autoignition temperature: No information available
Solubility in other solvents: No information available
Density: 1.36 Kg/L
Bulk density: No information available
Flash point (°F): > 200 °F > 93.3 °C
Viscosity: No information available
VOC: 0 % *
Flammability (Solid or Gas): Not applicable
Sustained combustion: Not applicable
Explosion limits: - upper: Not determined - lower: Not determined > > > 93.4

Color: Opaque, White
Odor: Product specific
Boiling point/range: Not determined
Decomposition temperature: Default (°F)
Solubility: Dispersible
Relative Density (relative to water): No information available
Vapor density: No information available
Vapor pressure: No information available.
Partition coefficient (n-octanol/water): No information available
Elemental Phosphorus: 0.00 % by wt.
pH: = 11
Corrosion to metals: Not corrosive to metals

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity: Not Applicable
Stability: The product is stable
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid: None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
Skin contact, Inhalation, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure
Skin contact: Unlikely to be irritant in normal use.

Eye contact: Causes serious eye irritation. Symptoms may include pain, redness, and watering.

Ingestion: Symptoms may include stomach pain and nausea. May be irritating to mouth, throat and stomach.

Inhalation: Symptoms may include coughing and difficulty breathing. May be irritating to nose, throat, and respiratory tract.

Sensitization: No known effects.

Target Organs (SE): None known

Target Organs (RE): None known

Numerical measures of toxicity

ATE - Oral (mg/kg): 4700

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Emerel® Plus
Alkaline Creme Cleanser

Waste from residues / unused products (undiluted product): This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): Not Regulated
Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

TSCA
 DSL

All components are listed or otherwise exempt
 All components are listed or otherwise exempt

RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Nepheline Syenite	37244-96-5	-	-	-	-
Alkyl poly glycoside	110615-47-9	-	-	-	-
Smectite clay	12199-37-0	-	-	-	-
Alcohol, C9-C11, ethoxylated	68439-46-3	-	-	-	-

CERCLA/ SARA

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 2
 Flammability 0
 Instability 0
 Special Hazards -

Revision: 2020-06-19
 Version: 06.0

Reason for revision: Not applicable
Prepared by: North American Regulatory Affairs
Additional advice: • Does not contain an added fragrance

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SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: TILE & GROUT
Recommended use: Cleaning of Tiled Surfaces
Supplier: PetraClean Pty Ltd C/- Challenge Chemicals Australia
ACN: 68 059 129 568
Street Address: 6 Butcher Street
 KWINANA
 PERTH W.A. 6167

Telephone: (08) 9419 5577
Facsimile: (08) 9419 4958

Emergency Telephone number: (08) 9419 5577 (7.00am to 4.30pm)
 0419 049 003

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

GHS Classification(s) Skin Corrosion / Irritation: Category 1B

Signal Word: DANGER

Pictograms:



Hazard Statement(s):	H314	- Causes severe skin burns and eye damage.
Prevention Statement(s):	P260 P264 P280	- Do not breath dust/fume/gas/mist/vapours/spray. - Wash thoroughly after handling. - Wear protective gloves, clothing, eye and face protection.
Response Statement(s):	P301+P330+P331 P303+P361+P353 P304+340 P305+P351+P338 P310 P321 P363	- If swallowed, rinse mouth. Do NOT induce vomiting. - If on skin (or hair), Remove / take off immediately all contaminated clothing. Rinse skin with water/shower. - If inhaled, remove to fresh air and keep at rest in a position comfortable breathing. - If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - Immediately call a POISON CENTRE or doctor/physician. - Specific treatment is advised – see first aid instructions. - Wash contaminated clothing before reuse.
Storage Statement(s):	P405	- Store locked up.

Product Name: Tile & Grout
Issued: 08/11/2019

Version: A/1

Disposal Statement(s): P501 - Dispose of contents/container in accordance to relevant regulations.

Other Hazards: No information provided.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Cleaning of tiled surfaces.

Appearance: Pale green thin liquid.

CHEMICAL ENTITY	CAS NO.	EC Number	Content
Water	7732-18-5	231-791-2	>60%
Phosphoric Acid	7664-38-2	231-633-2	<30%
Other ingredients determined to be Non Hazardous.	Not Available	Not Available	Remainder

All the constituents of this materials are listed on the Australian Inventory of Chemical Substances (AICS).

4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons. Ring 13 11 26

Ingestion: Immediately rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, place victim's face downwards, head lower than hips to prevent vomit entering lungs. Seek immediate medical assistance.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical assistance if irritation persists.

Skin Contact: Immediately wash contaminated skin with plenty of water. For gross contamination, immediately drench with water and remove clothing. Remove contaminated clothing and wash before re-use.

Inhalation: Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered.

Important Symptoms: See section 11 for more detailed information on health effects and symptoms.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire fighting further advice: Not combustible. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable extinguishing media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Special Hazards: Not combustible. However, reaction with metals will produce flammable hydrogen gas which will burn if ignited.

Hazchem Code: 2X.

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Clear area of all unprotected personnel. Contain using sand or soil. Inert material or vermiculite. Spills may be neutralized using soda ash or lime. Collect and seal in properly labeled containers for disposal. Prevent runoff from entering drains and waterways. Small spills may be flushed with copious amounts of water.

Wear personal protective equipment as detailed in section 8 of the SDS.

7. HANDLING AND STORAGE

Storage: Ensure containers are adequately labelled and sealed when not in use. Store in a cool ventilated area away from oxidising agents, alkalis, sulphides, metal powders, cyanides, heat and ignition sources.

Before use carefully read the product label. Safe working practices are recommended.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits.

Major constituent, Phosphoric Acid: SWA (Aust) – TWA 1mg/m³ - STEL 3mg/m³

Biological Limits: No biological limits entered for this product.

As published by the National Occupational Health and Safety Commission (Worksafe Australia).

Peak limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

This exposure standard is a guide to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Measures: Avoid inhalation. Use in well ventilated areas. The use of mechanical extraction ventilation is recommended.

Personal Protection Equipment: Wear safety goggles, PVC or rubber gloves and coveralls. If an inhalation risk exists use a Type B respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Pale green thin liquid.

Specific Gravity : 1.10

Rel Vapour Density: Not determined

Vapour Pressure : Not determined

Flash Point: Not determined

Flammability Limits: Not determined

Autoignition Temp (C): Not determined

% Volatile by Volume: 65

Solubility in Water: 100%

Melting Point (C): 21 °C

Boiling Point (C): 158°C

Decomp. Point (C): Not determined

Sublimation Point: Not applicable

pH: <1

Viscosity: Not determined

Evaporation Rate: Not determined

10. STABILITY AND REACTIVITY

Stability: Stable

Reactivity: Carefully review all information provided below.

Hazardous Polymerisation: Will not occur.

Conditions to Avoid: Open flames, heat, sparks and other ignition sources.

Materials to Avoid: Oxidising agents, cyanides, alkalis, sulphides and metal powders

Hazardous Decomposition Products: May evolve toxic gases when heated to decomposition.

Product Name: Tile & Grout
Issued: 08/11/2019

Version: A/1

11. TOXICOLOGICAL INFORMATION

Main Symptoms: No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Acute Toxicity: Based on the available data this product is expected to be of low toxicity. The following data is available for Phosphoric Acid: Oral LD₅₀ 1530mg/kg (rat)
Dermal LD₅₀ 2740 mg/kg (rabbit)

Ingestion: Swallowing may result in nausea, vomiting, diarrhoea and abdominal pain. May cause burns to mouth, throat and stomach.

Eye Contact: Causes irritation or burns. Contamination of the eyes may result in permanent damage.

Skin Contact: Repeated or prolonged skin contact may lead to irritant contact dermatitis. May cause skin burns, dryness or cracking.

Inhalation: Inhalation of mists may result in respiratory irritation and possible harmful corrosive affects to the nose, throat and mucous membranes.

Sensitisation: No sensitisation to skin or respiratory system.

Mutagenicity Carcinogenicity and Reproductive Toxicity: Not classified as a mutagen, carcinogen or reproductive toxin.

Specific Target Organ Toxicity (STOT-RE & STOT-SE): Over exposure may result in irritation to the nose & throat, coughing and bronchitis. High level exposure may result in lung damage, pneumonitis, pulmonary oedema and ulceration of the respiratory tract. Not classified as causing organ damage from repeated exposure.

Aspiration Hazard: Not classified as causing aspiration.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information provided.

Bioaccumulative Potential: Not expected to bioaccumulate.

Persistence and Degradability: Acidity may be reduced by natural water hardness minerals and the phosphate may persist indefinitely.

Mobility in Soil: Will permeate downwards and may dissolve some soil matter. Some acid will be neutralized, however significant amounts will remain and may enter the groundwater.

Other adverse effects: No information provided.

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Small spills can be greatly diluted with water or carefully neutralized with dilute alkali and flushed to drain with copious amounts of water. Alternatively, normally suitable for disposal at approved land waste site after neutralized.

Dispose of waste water according to local, state and federal regulations.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods according to ADG7, IATA-DGR and IMDG codes.

UN Number: 1760

Proper Shipping Name: Corrosive Liquid, N.O.S.

Transport Hazard Class: 8

Packaging Group: II

Product Name: Tile & Grout

Issued: 08/11/2019

Version: A/1

Environmental Hazards: No information provided.

Special Precautions: GTEPG: 8A1 EMS: F-A,S-B.

Hazchem Code: 2X.

15. REGULATORY INFORMATION

Poison Schedule: Classified as a schedule 5 (S5) as per SUSMP criteria.

Inventory Listings: All ingredients are listed in the Australian Inventory of Chemical Substances, AICS.

Classified and User Label Information: Classification and labelling have been performed according to regulations.

16. OTHER INFORMATION

Abbreviations and Acronyms:

ADG7 -	Australian Code for the Transport of Dangerous Goods 7 th edition.
AICS -	Australian Inventory of Chemical Substance.
Cas No -	Chemical Abstracts Service Number (or CAS Registry Number).
EC Number -	European Community Number.
EMS -	Emergency Schedules (emergency procedures for ships carrying dangerous goods).
GHS -	Globally Harmonised System of Classification and Labelling of Chemicals.
GTEPG -	Group Text Emergency Procedures Guide.
Hazchem -	Emergency Action Code of Numbers and Letters that provide information to emergency services.
IATA-DGR -	Dangerous Goods Regulations by the International Air Transport Association.
IMDG -	International Maritime Code for Dangerous Goods.
PH -	Relates to Hydrogen Ion Concentration using a scale of 0 (High Acidic) to 14 (High Alkaline).
SDS -	Safety Data Sheet.
STOT-RE -	Specific Target Organ Toxicity (Repeated Exposure).
STOT-SE -	Specific Target Organ Toxicity (Single Exposure).
SUSMP -	Standard for the Uniform Scheduling of Medicines and Poisons.

This SDS summarises at the date of issue or best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Challenge Chemicals Australia and its subsidiaries cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

Date of SDS Preparation: 08/11/2019
Edition, Revision: Edition A, Revision 1
Reason for Issue: GHS Update



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 24-Sep-2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: SPARCREME
Product Number: 7320 , 7101
Recommended Use: Cleaning agent
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone Numbers:

Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Acute Toxicity - Oral: Category 4
Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Eye Irritation: Category 2A
Carcinogenicity: Category 1A
Specific Target Organ Toxicity (Repeated Exposure): Category 1

GHS Label Elements

Signal Word:

Symbols:

Danger



Hazard Statements:

Harmful if swallowed.
Causes skin irritation.
Causes serious eye irritation
May cause cancer by inhalation
Causes damage to organs through prolonged or repeated exposure

Precautionary Statements:

Prevention:

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product
Do not breathe mist, vapors or spray.

Response:

-Eyes

If exposed or concerned: Get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

-Skin	IF ON SKIN: Wash with plenty of soap and water If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse
-Ingestion:	IF SWALLOWED: Call a poison center or physician if you feel unwell. Rinse mouth.
-Specific Treatment:	See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
Storage:	Store locked up.
Disposal:	Dispose of contents and container in accordance with local, state and federal regulations.
Hazards Not Otherwise Classified:	Not Applicable
Other Information:	<ul style="list-style-type: none"> • Contains respirable crystalline quartz which may cause cancer if inhaled. • Keep out of reach of children.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	40-70
Quartz	14808-60-7	10-30
Citric Acid	77-92-9	1-5
Alkylbenzene Sulfonic Acid	68584-22-5	1-5
Xanthan Gum	11138-66-2	1-5
Triethanolamine	102-71-6	0.1-1
Fragrance	PROPRIETARY	<0.1
Limonene	5989-27-5	<0.1
Limonene	138-86-3	<0.1
Citrus Limon Peel Oil	8008-56-8	<0.1
Citrus Aurantifolia Oil	8008-26-2	<0.1
Acid Blue 9	3844-45-9	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

-Eye Contact:	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
-Skin Contact:	Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation occurs: Get medical attention.
-Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
-Ingestion:	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a poison center or physician if you feel unwell.
Note to Physicians:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire
Specific Hazards Arising from the Chemical:	Dried product is capable of burning. Combustion products are toxic.
Hazardous Combustion Products:	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters:	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
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Environmental Precautions: Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for Clean-Up: Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.
Incompatible Materials: Sodium hypochlorite (or other hypochlorites).
Suggested Shelf Life: Minimum of 2 years from date of manufacture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Quartz 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 µg/m ³ TWA: 50 µg/m ³ excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m ³ respirable dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
Triethanolamine 102-71-6	TWA: 5mg/m ³	-	-

Engineering Controls: Provide good general ventilation.
If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

Personal Protective Equipment

Eye/Face Protection: Wear splash goggles.
Skin and Body Protection: Wear rubber or other chemical-resistant gloves.
Respiratory Protection: Not required with expected use.
If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

General Hygiene Considerations: Wash hands and any exposed skin thoroughly after handling.
See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Paste/Gel Liquid
Color:	Light green
Odor:	Pleasant
pH:	2.0-2.5
Melting Point / Freezing Point:	No information available.
Boiling Point / Boiling Range:	100 °C / 212 °F
Flash Point:	> 100 °C / > 212 °F
Evaporation Rate:	< 1
Flammability (solid, gas)	No information available.
Upper Flammability Limit:	No information available.
Lower Flammability Limit:	No information available.
Vapor Pressure:	No information available.
Vapor Density:	No information available.
Specific Gravity:	1.185
Solubility(ies):	Partially soluble
Partition Coefficient:	No information available.
Autoignition Temperature:	No information available.
Decomposition Temperature:	No information available.
Viscosity:	No information available.

10. STABILITY AND REACTIVITY

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Not expected to occur with normal handling and storage.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Sodium hypochlorite (or other hypochlorites).
Hazardous Decomposition Products:	May include carbon monoxide, carbon dioxide (CO2) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
-Eye Contact:	Pain, redness, swelling of the conjunctiva and blurred vision.
-Skin Contact:	Pain, redness and cracking of the skin.
-Inhalation:	Nasal discomfort and coughing.
-Ingestion:	Pain, nausea, vomiting and diarrhea.
Immediate, Delayed, Chronic Effects	
Product Information:	Contains respirable crystalline quartz which may cause cancer if inhaled.
Target Organ Effects:	-Eyes. Lungs. Respiratory System.
Numerical Measures of Toxicity	
The following acute toxicity estimates (ATE) are calculated based on the GHS document.	
ATEmix (oral):	1874 mg/kg
ATEmix (dermal):	15610 mg/kg

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available
Quartz 14808-60-7	= 500 mg/kg (Rat)	Not Available	Not Available
Citric Acid 77-92-9	= 3 g/kg (Rat)	Not Available	Not Available
Alkylbenzene Sulfonic Acid 68584-22-5	= 775 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	Not Available

Triethanolamine 102-71-6	= 4190 mg/kg (Rat)	> 20 mL/kg (Rabbit)	Not Available
Limonene 5989-27-5	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	Not Available
Limonene 138-86-3	= 5300 mg/kg (Rat)	Not Available	Not Available
Citrus Limon Peel Oil 8008-56-8	= 2840 mg/kg (Rat)	Not Available	Not Available
Citrus Aurantifolia Oil 8008-26-2	> 5 g/kg (Rat)	Not Available	Not Available

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Quartz	A2	Group 1	Known	Listed

ACGIH (American Conference of Governmental Industrial Hygienists): A2 - Suspected Human Carcinogen
IARC (International Agency for Research on Cancer): Group 1 - Carcinogenic to Humans
NTP (National Toxicology Program): Known - Known Carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Citric Acid 77-92-9	Not Available	1516: 96 h Lepomis macrochirus mg/L LC50 static	Not Available	Not Available
Alkylbenzene Sulfonic Acid 68584-22-5	Not Available	3: 96 h Oncorhynchus mykiss mg/L LC50 static	Not Available	2.9: 48 h Daphnia magna mg/L EC50
Triethanolamine 102-71-6	216: 72 h Desmodesmus subspicatus mg/L EC50 169: 96 h Desmodesmus subspicatus mg/L EC50	10600 - 13000: 96 h Pimephales promelas mg/L LC50 flow-through 1000: 96 h Pimephales promelas mg/L LC50 static 450 - 1000: 96 h Lepomis macrochirus mg/L LC50 static	Not Available	Not Available
Limonene 5989-27-5	Not Available	0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	Not Available	Not Available

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.
Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated
Proper Shipping Name: Non Hazardous Product
Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG: Not Regulated
Proper Shipping Name: Non Hazardous Product
Proper Shipping Name: Non-Hazardous Product

15. REGULATORY INFORMATION**TSCA Status:** (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	Yes
Fire Hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION

NFPA	Health Hazards: 2	Flammability: 0	Instability: 0	Special: N/A
HMIS	Health Hazards: 2*	Flammability: 0	Physical Hazards: 0	

Revision Date: 24-Sep-2019
 Reasons for Revision: Section, 2, 3, 7, 11, and, 12

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



Alpha-HP® Multi-Surface Cleaner

Revision: 2020-09-06

Version: 02.0

1. IDENTIFICATION

Product name: Alpha-HP®
Multi-Surface Cleaner

Product Code: 3350727, 3350743, 3401512

SDS #: MS0800296

Recommended use:

- Industrial/Institutional
- Cleaner
- This product is intended to be diluted prior to use

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:

US Headquarters Diversey, Inc. 1300 Altura Rd., Suite 125 Fort Mill, SC 29708 Phone: 1-888-352-2249 SDS Internet Address: https://sds.diversevy.com	Canadian Headquarters Diversey Canada, Inc. 6150 Kennedy Road Unit 3 Mississauga, Ontario L5T 2J4 Phone: 1-800-668-7171
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Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard Statements

None required.

Precautionary Statements

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Propylene glycol n-propyl ether	1569-01-3	5 - 10%
Dodecylbenzene sulfonic acid	68584-22-5	3 - 7%
Hydrogen peroxide	7722-84-1	1 - 5%

4. FIRST AID MEASURES

Undiluted Product:

Eyes: Rinse with plenty of water. If irritation occurs and persists, get medical attention.

Skin: No specific first aid measures are required.

Inhalation: No specific first aid measures are required.

Ingestion: Rinse mouth with water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: None known.

Diluted Product:

Eyes: Rinse with plenty of water.

Skin: No specific first aid measures are required.

Inhalation: No specific first aid measures are required.

Ingestion: If SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

Specific methods:

No special methods required

Suitable extinguishing media:

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards:

None known.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions

Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

and clean-up methods:

7. HANDLING AND STORAGE

Handling: Can react to release hazardous gases. Mix only with water. DO NOT MIX WITH ACIDS, TOILET BOWL CLEANERS, AMMONIA, SOURS, RUST REMOVERS, OR ANY OTHER CHEMICAL. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Keep tightly closed in a dry, cool and well-ventilated place.

Aerosol Level (if applicable): Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m ³ (TWA)

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection: No personal protective equipment required under normal use conditions.
Hand protection: No personal protective equipment required under normal use conditions.
Skin and body protection: No personal protective equipment required under normal use conditions.
Respiratory protection: No personal protective equipment required under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Engineering measures to reduce exposure:
 Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection: No personal protective equipment required under normal use conditions.
Hand protection: No personal protective equipment required under normal use conditions.
Skin and body protection: No personal protective equipment required under normal use conditions.
Respiratory protection: No personal protective equipment required under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid Evaporation Rate: No information available Odor threshold: No information available. Melting point/range: Not determined Autoignition temperature: No information available Solubility in other solvents: No information available Density: Specific gravity: 1.013 Kg/L Bulk density: No information available Flash point (°F): > 200 °F > 93 °C Viscosity: 0 VOC: 7.9 % * Flammability (Solid or Gas): Not applicable Sustained combustion: Not applicable Explosion limits: - upper: Not determined - lower: Not determined	Color: Clear, Clear Odor: Citrus Boiling point/range: Not determined Decomposition temperature: Not determined Solubility: Completely Soluble Relative Density (relative to water): 1.013 Vapor density: No information available Vapor pressure: No information available. Partition coefficient (n-octanol/water): No information available Elemental Phosphorus: 0.00 % by wt. pH: < 2 Corrosion to metals: Not corrosive to metals
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Density: Not available
Flash Point (°F): > 200 °F > 93.4 °C
VOC % by wt. at use dilution: 0.1 %

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity: Not Applicable
Stability: The product is stable
Possibility of hazardous reactions: May vigorously react with strong alkaline products resulting in spattering and excessive heat.
Hazardous decomposition products: Oxygen.
Materials to avoid: Strong bases. Ammonia. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid: None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Unlikely to be irritant in normal use.
Eye contact: May be mildly irritating to eyes.
Ingestion: No information available.
Inhalation: No information available.
Sensitization: No known effects.
Target Organs (SE): None known

Target Organs (RE): None known

Numerical measures of toxicity

ATE - Oral (mg/kg): >5000
ATE - Dermal (mg/kg): >5000
ATE - Inhalatory, mists (mg/l): >20
ATE - Inhalatory, vapors (mg/l): >50

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products (undiluted product): This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Waste from residues / unused products (diluted product): This product, when diluted, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste

RCRA Hazard Class (diluted product): Not Regulated

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT/TDG/MDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: NOT REGULATED

MDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Propylene glycol n-propyl ether	1569-01-3	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Alcohols, C6-C12, ethoxylated (3.5EO)	68439-45-2	-	-	-	-
Hydrogen peroxide	7722-84-1	X	X	X	X
Propane-1,2-diol	57-55-6	-	X	X	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Hydrogen peroxide	7722-84-1	1 - 5%		1000	

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 0

Flammability 0

Instability 0

Special Hazards -

Physical Properties:

Health 0

Flammability 0

Instability 0

Special Hazards -

Revision: 2020-09-06

Version: 02.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

- Contains an added fragrance, see "Odor" heading in section 9 for specific description
- When used through dispensing/autodose equipment, this product meets Green Seal's requirements for skin and eye irritation and acute toxicity at the as-used dilution
- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.



Crew® NA SC Non-Acid Bowl and Bathroom Disinfectant Cleaner

Revision: 2020-09-06

Version: 03.0

Product name: Crew® NA SC
Product Code: Non-Acid Bowl and Bathroom Disinfectant Cleaner
SDS #: 5019237, 5546264
Recommended use: MS0801053
 • Restroom Care
Uses advised against: • This product is intended to be diluted prior to use
 Uses other than those identified are not recommended

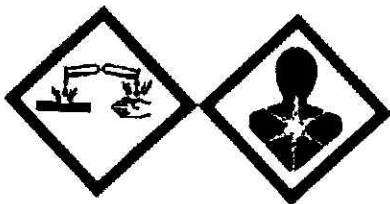
Manufacturer, importer, supplier:
 US Headquarters
 Diversey, Inc.
 P.O. Box 19747
 Charlotte, NC 28219-0747
 Phone: 1-888-352-2249
 SDS Internet Address: <https://sds.diversey.com>

Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Skin corrosion/irritation	Category 1C
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (repeated exposure)	Category 2

**Signal word:**

Danger.

Hazard Statements

CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

Precautionary Statements

Causes burns/ serious damage to mouth, throat and stomach. Keep container tightly closed. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Get medical attention or advice if you feel unwell. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat. DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release chlorine gas.

Crew® NA SC
 Non-Acid Bowl and Bathroom
 Disinfectant Cleaner

Handling: Can react to release hazardous gases. Mix only with water. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. May vigorously react with strong alkaline products resulting in spattering and excessive heat. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release chlorine gas.

Storage: Keep tightly closed in a dry, cool and well-ventilated place.

Aerosol Level (if applicable): Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection: Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: Protective footwear. Wear suitable protective clothing.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection: No personal protective equipment required under normal use conditions.
Hand protection: No personal protective equipment required under normal use conditions.
Skin and body protection: No personal protective equipment required under normal use conditions.
Respiratory protection: No personal protective equipment required under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Evaporation Rate: No information available

Odor threshold: No information available.

Melting point/range: Not determined

Autoignition temperature: No information available

Solubility in other solvents: No information available

Density: Specific gravity: 1.02 Kg/L

Bulk density: No information available

Flash point (°F): > 200 °F > 93 °C

Viscosity: No information available

VOC: 0.8 % *

Flammability (Solid or Gas): Not applicable

Sustained combustion: Not applicable

Explosion limits: - upper: Not determined **- lower:** Not determined

Color: Clear, Blue

Odor: Floral Slightly perfumed

Boiling point/range: Not determined

Decomposition temperature: Not determined

Solubility: No information available

Relative Density (relative to water): 1.02

Vapor density: No information available

Vapor pressure: No information available.

Partition coefficient (n-octanol/water): No information available

Elemental Phosphorus: 0.00 % by wt.

pH: ≈ 12.6

Corrosion to metals: Not corrosive to metals

Evaporation Rate: No information available

Odor threshold: No information available.

Melting point/range: Not determined

Autoignition temperature: No information available

Solubility in other solvents: No information available

Density: Specific gravity: 1.02 Kg/L

Bulk density: No information available

Flash point (°F): > 200 °F > 93 °C

Viscosity: No information available

VOC: 0.8 % *

Flammability (Solid or Gas): Not applicable

Sustained combustion: Not applicable

Explosion limits: - upper: Not determined **- lower:** Not determined

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity: Not Applicable
Stability: The product is stable
Possibility of hazardous reactions: May vigorously react with strong alkaline products resulting in spattering and excessive heat.
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Ammonia. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical unless specified in the use directions. Oxidizing agents. Anionic surfactant.
Conditions to avoid: No information available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

Eye contact: Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

Ingestion: Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

Sensitization: No known effects.

Target Organs (SE): None known

Target Organs (RE): No information available

Ingredient(s)	CAS #	NTP	IARC	OSHA
Ethyl alcohol	64-17-5		1	

Numerical measures of toxicity

ATE - Oral (mg/kg): >5000

ATE - Dermal (mg/kg): >5000

ATE - Inhalatory, mists (mg/l): >20

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal.

Waste from residues / unused products (undiluted product):

This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Waste from residues / unused products (diluted product):

This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Pesticide Storage:

Refer to product label.

Pesticide Disposal:
Refer to product label.

Container Disposal:
Refer to product label.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste.
RCRA Hazard Class (diluted product): Not Regulated.

14. TRANSPORT INFORMATION

DOT/TDG/MDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., (quaternary ammonium compounds), 8, III

MDG (Ocean) Bill of Lading Description: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., (quaternary ammonium compounds), 8, III, MARINE POLLUTANT

15. REGULATORY INFORMATION

International Inventories at CAS# Level

TSCA

All components are listed or otherwise exempt

U.S. Regulations

EPA Reg. No. : 6836-73-70627

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective (rubber or chemical resistant) gloves. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

CERCLA/ SARA

Canadian Regulations

Ingredient(s)	CAS #	NPRI
Ethyl alcohol	64-17-5	X

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3

Flammability 0

Instability 0

Special Hazards -

Revision: 2020-09-06
Version: 03.0

Reason for revision: Not applicable
Prepared by: North American Regulatory Affairs
Additional advice: - Contains an added fragrance, see "Odor" heading in section 9 for specific description

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.



Glance® NA
Glass & Multi-Surface Cleaner Non-Ammoniated

Revision: 2020-09-06

Version: 08.0

1. IDENTIFICATION

Product name: Glance® NA
Product Code: Glass & Multi-Surface Cleaner Non-Ammoniated
SDS #: 100828355, 100960280, 93172641, 93361936, 95019510, 95271310
Recommended use: MS0800734
 • Industrial/Institutional
 • Cleaning product
Uses advised against: • This product is intended to be diluted prior to use
 Uses other than those identified are not recommended

Manufacturer, importer, supplier:
 US Headquarters
 Diversey, Inc.
 1300 Altura Rd., Suite 125
 Fort Mill, SC 29708
 Phone: 1-888-352-2249
 SDS Internet Address: <https://sds.diversey.com>

Canadian Headquarters
 Diversey Canada, Inc.
 6150 Kennedy Road Unit 3
 Mississauga, Ontario L5T 2J4
 Phone: 1-800-668-7171

Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product
Serious eye damage/eye irritation Category 2A



Signal word: Warning.

Hazard Statements
CAUSES SERIOUS EYE IRRITATION.

Precautionary Statements
Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice or attention. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Glance® NA
Glass & Multi-Surface Cleaner
Non-Ammoniated

Hazard and Precautionary Statements:
None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Alcohol, C9-C11, ethoxylated	68439-46-3	1 - 5%
Sodium lauryl sulfate	68585-47-7	0.5 - 1.5%
Sodium lauryl ether sulfate	9004-82-4	0.5 - 1.5%

4. FIRST AID MEASURES

Undiluted Product:

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin: No specific first aid measures are required.

Inhalation: No specific first aid measures are required.

Ingestion: IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: None known.

Diluted Product:

Eyes: Rinse with plenty of water.

Skin: No specific first aid measures are required.

Inhalation: No specific first aid measures are required.

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

Specific methods:

Suitable extinguishing media:

Specific hazards:

No special methods required

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

None known.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Environmental precautions

and clean-up methods:

Put on appropriate personal protective equipment (see Section 8.).

Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Keep tightly closed in a dry, cool and well-ventilated place.

Aerosol Level (if applicable): Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

- Eye protection:** No personal protective equipment required under normal use conditions.
- Hand protection:** No personal protective equipment required under normal use conditions.
- Skin and body protection:** No personal protective equipment required under normal use conditions.
- Respiratory protection:** No personal protective equipment required under normal use conditions.
- Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

- Eye protection:** No personal protective equipment required under normal use conditions.
- Hand protection:** No personal protective equipment required under normal use conditions.
- Skin and body protection:** No personal protective equipment required under normal use conditions.
- Respiratory protection:** No personal protective equipment required under normal use conditions.
- Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State:** Liquid
- Evaporation Rate:** No information available
- Odor threshold:** No information available.
- Melting point/range:** Not determined
- Autoignition temperature:** No information available
- Solubility in other solvents:** No information available
- Density: Specific gravity:** 1.00 Kg/L
- Bulk density:** No information available
- Flash point (°F):** > 200 °F > 93 °C
- Viscosity:** 3
- VOC:** 0.3 % *
- Flammability (Solid or Gas):** Not applicable
- Sustained combustion:** Not applicable
- Explosion limits: - upper:** Not determined **- lower:** Not determined
- Color:** Clear Blue
- Odor:** No Odor/Odorless
- Boiling point/range:** Not determined
- Decomposition temperature:** Not determined
- Solubility:** Completely Soluble
- Relative Density (relative to water):** 1.00
- Vapor density:** No information available
- Vapor pressure:** No information available.
- Partition coefficient (n-octanol/water):** No information available
- Elemental Phosphorus:** 0.0 % by wt.
- pH:** ≈ 7
- Corrosion to metals:** Not determined

Other information:
Boiling point: 200 °F = 93.4 °C
VOC by wt. in use condition: 0.008 %

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

- Reactivity:** Not Applicable
- Stability:** The product is stable
- Hazardous decomposition products:** None reasonably foreseeable.
- Materials to avoid:** Do not mix with any other product or chemical unless specified in the use directions.
- Conditions to avoid:** None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Unlikely to be irritant in normal use.

Eye contact: Causes serious eye irritation. Symptoms may include pain, redness, and watering.

Ingestion: Symptoms may include stomach pain and nausea. May be irritating to mouth, throat and stomach.

Inhalation: Symptoms may include coughing and difficulty breathing. May be irritating to nose, throat, and respiratory tract.

Sensitization: No known effects.

Target Organs (SE): None known

Target Organs (RE): None known

Numerical measures of toxicity

ATE - Oral (mg/kg): >5000

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products (undiluted product): This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Waste from residues / unused products (diluted product): This product, when diluted as stated on the SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): Not Regulated

RCRA Hazard Class (diluted product): Not Regulated

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Alcohol, C9-C11, ethoxylated	68439-46-3	-	-	-	-
Sodium lauryl sulfate	68585-47-7	-	-	-	-
Sodium lauryl ether sulfate	9004-82-4	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	-

CERCLA/ SARA

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Ingredient(s)	CAS #	NPRI
Ethyl alcohol	64-17-5	X

16. OTHER INFORMATION

NFPA (National Fire Protection Association)
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 2
Flammability 0
Instability 0
Special Hazards -

Diluted Product:

Revision: 2020-09-06
Version: 08.0

Reason for revision: Not applicable
Prepared by: North American Regulatory Affairs
Additional advice: • Does not contain an added fragrance

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Virex® II 256

One-Step Disinfectant Cleaner and Deodorant Quat Based Disinfectant

Revision: 2022-05-20

Version: 04.0

1. IDENTIFICATION

Product name: Virex® II 256
One-Step Disinfectant Cleaner and Deodorant Quat Based Disinfectant

SDS #: MS0801116

Recommended use:

- Industrial/Institutional
- Disinfectant
- This product is intended to be diluted prior to use

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:
 US Headquarters
 Diversey, Inc.
 P.O. Box 19747
 Charlotte, NC 28219-0747
 Phone: 1-888-352-2249
 SDS Internet Address: <https://sds.diversey.com>

Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Acute oral toxicity	Category 4
Skin corrosion/irritation	Category 1C
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (repeated exposure)	Category 2
Flammability	Flammable Liquids, Category 4
Metal Corrosion:	Category 1

**Signal word:****Danger.**

Hazard Statements

COMBUSTIBLE LIQUID. CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. HARMFUL IF SWALLOWED. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE. MAY BE CORROSIVE TO METALS.

Precautionary Statements

Causes burns/ serious damage to mouth, throat and stomach. Keep away from flames and hot surfaces. No smoking. Keep container tightly closed. Keep only in original container. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Get medical attention or advice if you feel unwell. Absorb spillage to prevent material damage. Store in a well-ventilated place. Keep cool. Store in corrosive-resistant container with a resistant inner liner. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: Mix only with water. DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL. Can react to release chlorine gas.

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification
 This product is not classified as hazardous according to DOT's 49 CFR 1910.106
 GHS Classification: Irritant (H314) (P273) (GHS 05)
 Hazard and Precautionary Statements
 None required

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Didecyl dimethyl ammonium chloride	7173-51-5	5 - 10%
n-alkyl dimethyl benzyl ammonium chloride	68424-85-1	5 - 10%
Ethyl alcohol	64-17-5	1 - 5%
Tetrasodium salt of EDTA	64-02-8	1 - 5%
Lauryl dimethyl amine oxide	1643-20-5	0.5 - 1.5%
Sodium sesquicarbonate	533-96-0	0.5 - 1.5%
1-decanamine, n-decyl-n-methyl-	7396-58-9	> 0.1 - < 1%

4. FIRST AID MEASURES

Undiluted Product:

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

Skin: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

Notes to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

Diluted Product:

Eyes: Rinse with plenty of water.

Skin: No special first aid measures are required.

Inhalation: No special first aid measures are required.

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

Specific methods: No special methods required

Suitable extinguishing media: Use dry chemical, CO2, water spray or "alcohol" foam.

Specific hazards: Although this product has a flash point below 200 Deg. F, it is an aqueous solution containing an alcohol and does not sustain combustion. Corrosive material (See sections 8 and 10).

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available

8. ACCIDENTAL RELEASE MEASURES

Personal precautions:
Environmental precautions and clean-up methods:

Put on appropriate personal protective equipment (see Section 8.).
Clean-up methods - large spillage. Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. Prevent product from entering drains.
Water runoff can cause environmental damage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Absorb spillage to prevent material damage. Mix only with water. **DO NOT MIX WITH BLEACH OR ANY OTHER PRODUCT OR CHEMICAL.** Can react to release chlorine gas. **FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**

Storage: Store in a well-ventilated place. Keep cool. Store locked up. Store in corrosive-resistant container with a resistant inner liner.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	ACGIH	OSHA
Ethyl alcohol	1000 ppm (STEL)	1000 ppm (TWA) 1900 mg/m ³ (TWA)

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection:

Chemical-splash goggles.

Hand protection:

Chemical-resistant gloves.

Skin and body protection:

Protective footwear. Wear suitable protective clothing.

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection:

No personal protective equipment required under normal use conditions.

Hand protection:

No personal protective equipment required under normal use conditions.

Skin and body protection:

No personal protective equipment required under normal use conditions.

Respiratory protection:

No personal protective equipment required under normal use conditions.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid

Evaporation Rate: No information available

Odor threshold: No information available.

Melting point/freezing point (°C): Not determined

Autoignition temperature: No information available

Solubility in other solvents: No information available

Density: 1.0 Kg/L

Bulk density: No information available

Flash point (°F): > 187 °F > 86.1 °C

Color: Clear , Blue

Odor: Minty Slightly perfumed

Boiling point/range: Not determined

Decomposition temperature: Not determined

Solubility: Completely Soluble

Relative Density (relative to water): 1.00

Vapor density: No information available

Vapor pressure: No information available.

Partition coefficient (n-octanol/water): No information available

Viscosity: 0 mPa.s

VOC: 3.3 %*

Flammability (Solid or Gas): Not applicable

Sustained combustion: The product does not sustain combustion

Explosion limits: - upper: Not determined - lower: Not determined

Elemental Phosphorus: 0 % by wt.

pH: ≈ 10.2

Corrosion to metals: Metal corrosive

Dilution pH:

Dilution with water (1:1) > 200 °F > 93.3 °C

VOC % by wt. at 100 dilution: 0.01 %

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity: Not Applicable
Stability: The product is stable
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Oxidizing agents. Anionic surfactant. Do not mix with chlorinated products (such as bleach).
Conditions to avoid: None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

Eye contact: Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

Ingestion: Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea. Symptoms may include vomiting, nausea, and/or feeling of general unwellness. Harmful if swallowed.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

Sensitization: No known effects.

Target Organs (SE): None known

Target Organs (RE): No information available

Numerical measures of toxicity

ATE - Oral (mg/kg):

The estimated acute oral LD₅₀ for the undiluted product is estimated to be 1540 (mg/kg BW).

ATE - Dermal (mg/kg):

ATE - Inhalatory, gases (mg/l):

ATE - Inhalatory, mists (mg/l): >20

ATE - Inhalatory, vapors (mg/l):

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Mobility: No information available.

Other adverse effects No other adverse effects known.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal.

Waste from residues / unused products (undiluted product):

This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Waste from residues / unused products (diluted product):

The product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Pesticide Storage:

Refer to product label.

Pesticide Disposal:

Refer to product label.

Container Disposal:

Refer to product label.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste.

RCRA Hazard Class (diluted product): Not Regulated.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., (quaternary ammonium compounds), 8, III

IMDG (Ocean) Bill of Lading Description: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., (quaternary ammonium compounds), 8, III, MARINE POLLUTANT

15. REGULATORY INFORMATION

International Inventories at CAS# Level

TSCA

All components are listed or otherwise exempt

EPA Reg. No. : 70627-24

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear chemical splash-proof goggles or face shield, rubber gloves and protective clothing. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Canadian Regulations

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3
Flammability 2
Instability 0
Special Hazards -

Disinfect Product:

Flammability 0
Instability 0
Special Hazards -

Revision: 2022-05-20
Version: 04.0

Reason for revision: This data sheet contains changes from the previous version in section(s): 15
Prepared by: North American Regulatory Affairs
Additional advice: • Contains an added fragrance, see "Odor" heading in section 9 for specific description

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 01-Oct-2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: STAINLESS STEEL CLEANER POLISH
Product Number: 6310
Recommended Use: Cleaning agent
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone Numbers:

Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Aerosols
Gases Under Pressure

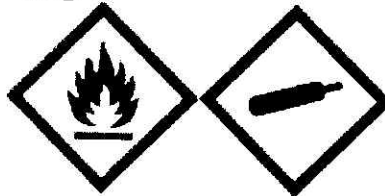
Category 1
Liquefied gas

GHS Label Elements

Signal Word:

Danger

Symbols:



Hazard Statements:

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated

Precautionary Statements:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use
Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal

Response:

-Specific Treatment:

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage:

Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C) Store in a well-ventilated place

Disposal:

Not Applicable

Hazards Not Otherwise Classified: Not Applicable

Other Information:

- May cause skin irritation.
- May cause eye irritation.
- May be harmful if swallowed.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	40-70
Middle Alkanes	64741-44-2	10-30
Butane	106-97-8	3-7
C10-C12 Alkane/Cycloalkane	64742-48-9	1-5
Propane	74-98-6	1-5
Dimethicone	63148-62-9	1-5
Polyglyceryl-3 Oleate	9007-48-1	1-5
Sodium Benzoate	532-32-1	0.1-1
Limonene	5989-27-5	0.1-1
Lime Oil Terpenes	68917-71-5	<0.1
A-Terpinyl Acetate	80-26-2	<0.1
Cymbopogon Nardus Oil	8000-29-1	<0.1
Citrus Aurantifolia Oil	8008-26-2	<0.1
Diethyl Phthalate	84-66-2	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Skin Contact:** Wash with soap and water. If skin irritation occurs: Get medical attention.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
- Note to Physicians:** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Water spray (fog), Foam
- Specific Hazards Arising from the Chemical:** Extremely flammable aerosol. Exposure to high temperature may cause containers to burst. Bursting aerosol containers may be propelled from fire at high speed.
- Hazardous Combustion Products:** May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
- Protective Equipment and Precautions for Firefighters:** Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
- Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water.
- Methods for Clean-Up:** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

- Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Wash thoroughly after handling.
- Storage Conditions:** NFPA 30B Level 1 Aerosol. Do not store in direct sunlight or above 122 F° / 50 C°. Exposure to high temperature may cause containers to burst. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Occupational Exposure Limits:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	TWA: 800 ppm TWA: 1900 mg/m ³
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content	TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³
Diethyl Phthalate 84-66-2	TWA: 5 mg/m ³	(vacated) TWA: 5 mg/m ³	TWA: 5 mg/m ³

- Engineering Controls:** Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
- Personal Protective Equipment**
- Eye/Face Protection:** Not required with expected use.
- Skin and Body Protection:** Not required with expected use.
- Respiratory Protection:** Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
- General Hygiene Considerations:** Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Aerosol
Color:	White
Odor:	Lemon
pH:	8.0-9.0
Melting Point / Freezing Point:	No information available.
Boiling Point / Boiling Range:	100 °C / 212 °F (Product without propellant)
Flash Point:	< -18 °C / < 0 °F (Propellant-estimated)
Evaporation Rate:	<1 (Butyl acetate = 1)
Flammability (solid, gas)	No information available.
Upper Flammability Limit:	No information available.
Lower Flammability Limit:	No information available.
Vapor Pressure:	No information available.
Vapor Density:	No information available.
Specific Gravity:	0.94 (Product without propellant)
Solubility(ies):	No information available.
Partition Coefficient:	No information available.
Autoignition Temperature:	No information available.
Decomposition Temperature:	No information available.
Viscosity:	No information available.

10. STABILITY AND REACTIVITY

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Not expected to occur with normal handling and storage.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
-Eye Contact:	Pain and redness.
-Skin Contact:	Drying of the skin.
-Inhalation:	Nasal discomfort and coughing.
-Ingestion:	Pain, nausea, vomiting and diarrhea.
Immediate, Delayed, Chronic Effects	
Product Information:	Data not available or insufficient for classification.
Target Organ Effects:	Central nervous system.
Numerical Measures of Toxicity	
The following acute toxicity estimates (ATE) are calculated based on the GHS document.	

ATEmix (oral):	24279 mg/kg
ATEmix (dermal):	9524 mg/kg
ATEmix (inhalation-gas):	3021468 mg/l

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available
Middle Alkanes 64741-44-2	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 1.78 mg/L (Rat) 4 h
Butane 106-97-8	Not Available	Not Available	= 658 g/m ³ (Rat) 4 h
C10-C12 Alkane/Cycloalkane 64742-48-9	> 6000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 8500 mg/m ³ (Rat) 4 h
Propane 74-98-6	Not Available	Not Available	= 658 mg/L (Rat) 4 h
Dimethicone 63148-62-9	> 24 g/kg (Rat)	Not Available	Not Available
Sodium Benzoate 532-32-1	= 4070 mg/kg (Rat)	Not Available	Not Available
Limonene 5989-27-5	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	Not Available
A-Terpinyol Acetate 80-26-2	= 5075 mg/kg (Rat)	Not Available	Not Available
Cymbopogon Nardus Oil 8000-29-1	= 7200 mg/kg (Rat)	Not Available	Not Available
Citrus Aurantifolia Oil 8008-26-2	> 5 g/kg (Rat)	Not Available	Not Available
Diethyl Phthalate 84-66-2	= 8600 mg/kg (Rat)	> 11200 mg/kg (Rat)	> 4.64 mg/L (Rat) 6 h

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea

C10-C12 Alkane/Cycloalkane 64742-48-9	Not Available	2200: 96 h Pimephales promelas mg/L LC50	Not Available	Not Available
Sodium Benzoate 532-32-1	Not Available	420 - 558: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	Not Available	650: 48 h Daphnia magna mg/L EC50
Limonene 5989-27-5	Not Available	0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	Not Available	Not Available
Diethyl Phthalate 84-66-2	23: 72 h Desmodesmus subspicatus mg/L EC50 23: 72 h Desmodesmus subspicatus mg/L EC50 static 21: 96 h Desmodesmus subspicatus mg/L EC50 21: 96 h Desmodesmus subspicatus mg/L EC50 static 42 - 255: 72 h Pseudokirchneriella subcapitata mg/L EC50 2.11 - 4.29: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	17: 96 h Pimephales promelas mg/L LC50 flow-through 16.8: 96 h Pimephales promelas mg/L LC50 static 22: 96 h Lepomis macrochirus mg/L LC50 flow-through 16.7: 96 h Lepomis macrochirus mg/L LC50 static 12: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	Not Available	36 - 74: 48 h Daphnia magna mg/L EC50 86: 48 h Daphnia magna mg/L EC50 Static

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.
Contaminated Packaging: Pressurized container: Do not pierce or burn, even after use. Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT:

UN/ID No: UN1950

Proper Shipping Name: Aerosols

Hazard Class: 2.1

Special Provisions: This product meets the exception requirements of section 49 CFR 173.306 as a limited quantity and may be shipped as a limited quantity.

IMDG:

UN/ID No: UN1950

Proper Shipping Name: Aerosols

Hazard Class: 2.1

Additional information: Limited Quantity

15. REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden release of pressure hazard:	Yes
Reactive Hazard:	No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards: 1	Flammability: 2	Instability: 0	Special: N/A
<u>HMIS</u>	Health Hazards: 1	Flammability: 2	Physical Hazards: 2	

Revision Date: 01-Oct-2019
 Reasons for Revision: Section, 3, 8, 11, and, 12

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 22-Nov-2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: STAINLESS STEEL CLEANER (RTU HANDI SPRAY)
Product Number: 3265
Recommended Use: Cleaning agent
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone Numbers:

Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Not Classified Not classified as hazardous by 29 CFR 1910.1200 (OSHA HazCom-GHS)

GHS Label Elements

Signal Word: No signal word

Symbols: No symbols

Hazard Statements: No hazard statements

Precautionary Statements:

Prevention: Not Applicable

Response:

-Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage: Not Applicable

Disposal: Not Applicable

Hazards Not Otherwise Classified: Not Applicable

Other Information:

- May be harmful if swallowed.
- May cause eye irritation.
- May cause skin irritation.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Quaternium 80	134737-05-6	0.1-1
Silicone Glycol Copolymer	PROPRIETARY	0.1-1

Oxirane, 2-Methyl-, Polymer with Oxirane, Mono[3-[1,3,3,3-Tetramethyl-1-[(Trimethylsilyl)Oxy]-1-Disiloxanyl]Propyl] Ether	134180-76-0	0.1-1
Mineral Oil	8042-47-5	0.1-1
Quaternary Amide	PROPRIETARY	<0.1
Polyoxyethylene Tallow Amine	PROPRIETARY	<0.1
Butyl Hydroxybutyrate	53605-94-0	<0.1
Isopropylidenglycerol	100-79-8	<0.1
Cyclopentasiloxane	541-02-6	<0.1
Methylchloroisothiazolinone	26172-55-4	<0.1
Cyclotetrasiloxane	556-67-2	<0.1
Methylisothiazolinone	2682-20-4	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Skin Contact:** Wash with soap and water. If skin irritation occurs: Get medical attention.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
- Note to Physicians:** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Product does not support combustion. Use extinguishing agent suitable for type of surrounding fire
- Specific Hazards Arising from the Chemical:** Dried product is capable of burning. Combustion products are toxic.
- Hazardous Combustion Products:** May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
- Protective Equipment and Precautions for Firefighters:** Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
- Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water.
- Methods for Clean-Up:** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

- Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
- Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.
- Suggested Shelf Life:** Minimum of 2 years from date of manufacture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Occupational Exposure Limits:** None established.

Engineering Controls:	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
Personal Protective Equipment	
Eye/Face Protection:	Not required with expected use.
Skin and Body Protection:	Not required with expected use.
Respiratory Protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General Hygiene Considerations:	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Liquid
Color:	Colorless
Odor:	Pleasant
pH:	5.5-6.5
Melting Point / Freezing Point:	No information available.
Boiling Point / Boiling Range:	100 °C / 212 °F
Flash Point:	> 100 °C / > 212 °F
Evaporation Rate:	1 (Butyl acetate = 1)
Flammability (solid, gas)	No information available.
Upper Flammability Limit:	No information available.
Lower Flammability Limit:	No information available.
Vapor Pressure:	No information available.
Vapor Density:	No information available.
Specific Gravity:	1.00
Solubility(ies):	Soluble in water
Partition Coefficient:	No information available.
Autoignition Temperature:	No information available.
Decomposition Temperature:	No information available.
Viscosity:	No information available.

10. STABILITY AND REACTIVITY

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Not expected to occur with normal handling and storage.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
-Eye Contact:	Pain and redness.
-Skin Contact:	Drying of the skin.
-Inhalation:	Nasal discomfort and coughing.
-Ingestion:	Pain, nausea, vomiting and diarrhea.
Immediate, Delayed, Chronic Effects	
Product Information:	Data not available or insufficient for classification.

Numerical Measures of Toxicity
The following acute toxicity estimates (ATE) are calculated based on the GHS document.
Data not available or insufficient for classification.

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available
Mineral Oil 8042-47-5	> 5000 mg/kg (Rat)	Not Available	Not Available
Isopropylideneglycerol 100-79-8	= 7 g/kg (Rat)	Not Available	Not Available
Cyclopentasiloxane 541-02-6	> 24134 mg/kg (Rat)	Not Available	Not Available
Methylchloroisothiazolinone 26172-55-4	= 481 mg/kg (Rat)	Not Available	= 1.23 mg/L (Rat) 4 h
Cyclotetrasiloxane 556-67-2	= 1540 mg/kg (Rat)	= 794 µL/kg (Rabbit)	= 36 g/m ³ (Rat) 4 h

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Mineral Oil 8042-47-5	Not Available	10000: 96 h Lepomis macrochirus mg/L LC50	Not Available	Not Available
Isopropylideneglycerol 100-79-8	Not Available	15200 - 18300: 96 h Pimephales promelas mg/L LC50 flow-through	Not Available	Not Available
Methylchloroisothiazolinone 26172-55-4	0.11 - 0.16: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	1.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	Not Available	4.71: 48 h Daphnia magna mg/L EC50 0.12 - 0.3: 48 h Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static
Cyclotetrasiloxane 556-67-2	Not Available	500: 96 h Brachydanio rerio mg/L LC50 1000: 96 h Lepomis macrochirus mg/L LC50	Not Available	Not Available

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated

Proper Shipping Name: Non Hazardous Product

Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG: Not Regulated

Proper Shipping Name: Non Hazardous Product

15. REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

16. OTHER INFORMATION

NFPA	Health Hazards: 1	Flammability: 0	Instability: 0	Special: N/A
HMIS	Health Hazards: 1	Flammability: 0	Physical Hazards: 0	

Revision Date: 22-Nov-2019
 Reasons for Revision: Revised formula, Section, 3, 7, 11, and, 12

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



**Stride® Citrus
Neutral Cleaner**

Revision: 2022-04-14

Version: 03.0

1. IDENTIFICATION

Product name: Stride® Citrus Neutral Cleaner
SDS #: MS0800226
Recommended use:

- Industrial/Institutional
- Cleaning product
- This product is intended to be diluted prior to use

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:
 US Headquarters: Diversey, Inc., 1300 Altura Rd., Suite 125, Fort Mill, SC 29708, Phone: 1-888-352-2249, SDS Internet Address: <https://sds.diversey.com>
 Canadian Headquarters: Diversey Canada, Inc., 6150 Kennedy Road Unit 3, Mississauga, Ontario L5T 2J4, Phone: 1-800-668-7171

Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard Statements

None required.

Precautionary Statements

None required.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

Environmental Hazards
 This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).
Other information:
 None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Sodium xylene sulfonate	1300-72-7	1 - 5%
Alcohol, C9-C11, ethoxylated	68439-46-3	0.5 - 1.5%

4. FIRST AID MEASURES

Undiluted Product:

Eyes: Rinse with plenty of water. If irritation occurs and persists, get medical attention.

Skin: Wash with plenty of water for at least 15 minutes.

Inhalation: No specific first aid measures are required.

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: None known.

Diluted Product:

Eyes: Rinse with plenty of water.

Skin: No specific first aid measures are required.

Inhalation: No specific first aid measures are required.

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

Specific methods:

No special methods required

Suitable extinguishing media:

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards:

None known.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods:

Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Keep tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection:

No personal protective equipment required under normal use conditions.

Hand protection:

No personal protective equipment required under normal use conditions.

Skin and body protection:

No personal protective equipment required under normal use conditions.

Respiratory protection:

No personal protective equipment required under normal use conditions. If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection:

No personal protective equipment required under normal use conditions.

Hand protection:

No personal protective equipment required under normal use conditions.

Skin and body protection:

No personal protective equipment required under normal use conditions.

Respiratory protection:

No personal protective equipment required under normal use conditions.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Evaporation Rate: No information available

Odor threshold: No information available.

Melting point/freezing point (°C): Not determined

Autoignition temperature: No information available

Solubility in other solvents: No information available

Density: 1.005 Kg/L

Bulk density: No information available

Flash point (°F): > 200 °F > 93 °C

Viscosity: 1

VOC: 0 %*

Flammability (Solid or Gas): Not applicable

Sustained combustion: Not applicable

Explosion limits: - upper: Not determined **- lower:** Not determined

Color: Clear , Orange

Odor: Citrus

Boiling point/range: Not determined

Decomposition temperature: Not determined

Solubility: Completely Soluble

Relative Density (relative to water): 1.01

Vapor density: No information available

Vapor pressure: No information available.

Partition coefficient (n-octanol/water): No information available

Elemental Phosphorus: 0.00 % by wt.

pH: ≈ 7

Corrosion to metals: Not corrosive to metals

Dilution pH:

≈ 5.9

Dilution Flash Point (°F): > 200 °F > 93.3 °C

VOC % by wt. at use dilution: 0 %

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity:

Not Applicable

Stability:

The product is stable

Hazardous decomposition products:

None reasonably foreseeable.

Materials to avoid:

Do not mix with any other product or chemical unless specified in the use directions.

Conditions to avoid:

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Unlikely to be irritant in normal use.

Eye contact: May be mildly irritating to eyes.

Ingestion: No information available.

Inhalation: No information available.

Sensitization: No known effects.

Target Organs (SE): None known

Target Organs (RE): None known

Numerical measures of toxicity

ATE - Oral (mg/kg):

The estimated acute oral LD₅₀ for the undiluted product is estimated to be >5000 (mg/kg BW).

ATE - Dermal (mg/kg): 2000
 ATE - Inhalatory, gases (mg/l): >20,000
 ATE - Inhalatory, mists (mg/l): > 5
 ATE - Inhalatory, vapors (mg/l): > 20

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.
Persistence and Degradability: No information available.
Bioaccumulation: No information available.
Mobility: No information available.
Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products (undiluted product): This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Waste from residues / unused products (diluted product): This product, when diluted as directed on the label, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): Not Regulated
RCRA Hazard Class (diluted product): Not Regulated
Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

TSCA All components are listed or otherwise exempt
 DSL All components are listed or otherwise exempt

US RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Alcohol, C9-C11, ethoxylated	68439-46-3	-	-	-	-

GERCLA/ SARA

Canadian Regulations

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 0

Flammability 0

Instability 0

Special Hazards -

Diluted Product:

Health 0

Flammability 0

Instability 0

Special Hazards -

Revision: 2022-04-14

Version: 03.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

- Contains an added fragrance, see "Odor" heading in section 9 for specific description

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