

# ModClean

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
Date of Issue: 05/18/2022

Version: 1.0

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** ModClean

#### 1.2. Intended Use of the Product

**Use of the Substance/Mixture:** Disinfectant

#### 1.3. Name, Address, and Telephone of the Responsible Party

Modifi Products LLC  
501 N Orlando Ave Ste.313,  
PMB 415  
Winter Park, FL 32789  
407-726-7884

[Tony@modifiproducts.com](mailto:Tony@modifiproducts.com)

#### 1.4. Emergency Telephone Number

**Emergency Number** : ChemTel LLC  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### GHS-US Classification

Skin Corr. 1C	H314
Eye Dam. 1	H318
Aquatic Acute 1	H400

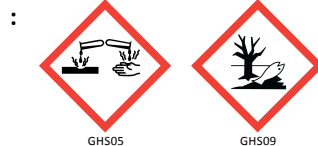
Comb. Dust

Full text of hazard classes and H-statements : see section 16

#### 2.2. Label Elements

##### GHS-US Labeling

##### Hazard Pictograms (GHS-US)



##### Signal Word (GHS-US)

: Danger

##### Hazard Statements (GHS-US)

: May form combustible dust concentrations in air.  
H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.  
H400 - Very toxic to aquatic life.

##### Precautionary Statements (GHS-US)

: P260 - Do not breathe dust.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
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/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a poison center or doctor.  
P321 - Specific treatment (see section 4 on this SDS).  
P363 - Wash contaminated clothing before reuse.  
P391 - Collect spillage.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

##### Supplemental Information

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

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No smoking. Proper grounding procedures to avoid static electricity should be followed. Prevent dust accumulation (to minimize explosion hazard). Avoid generating dust.

### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Contact with acids liberates toxic gas.

### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification
Sodium sulfate	Disodium sulfate / Sodium sulfate (2:1) / Sodium sulphate / Sulfuric acid, disodium salt / Sodium sulphate, anhydrous / Sulfuric acid sodium salt (1:2) / SODIUM SULFATE / Disodium sulphate / Sulfuric acid, disodium salt (1:2) / Sodium sulfate, anhydrous / sodium sulfate anhydrous / Anhydrous sodium sulphate	(CAS-No.) 7757-82-6	30-60	Not classified
Urea	Carbamide / Carbonyl diamide / UREA / Carbonic acid diamide	(CAS-No.) 57-13-6	5-10	Comb. Dust
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	Alkyl(C12-14)dimethyl(ethylbenzyl)ammonium chloride / Quaternary ammonium compounds, n-alkyl(C12-14)dimethyl ethylbenzyl ammonium chloride / C12-14-Alkyl(ethylbenzyl)dimethyl ammonium chlorides / Alkyl(C12-14)-N,N-dimethyl(ethylbenzyl)aminium chloride / Quaternary ammonium compounds, benzyl C12-14 alkyl ((ethylphenyl)methyl)dimethyl, chlorides / Quaternary ammonium compounds, alkyl(C12-14)[(ethylphenyl)methyl]dimethyl, chlorides / Alkyl (C12-14) ethylbenzylammonium chloride / C12-14-Alkyldimethyl(ethylbenzyl) ammonium chlorides	(CAS-No.) 85409-23-0	5-10	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	Benzyl-C12-18-alkyldimethylammonium chloride / Dimethylalkyl(C12-18)benzylammonium chloride / SDA 16-052-00 / Alkyl(C12-18)benzyl dimethylammonium chloride / n-Alkyl(C12-18)benzyl dimethylammonium chloride / Alkyl (C12-18) dimethylbenzylammonium chloride / Alkyl (C12-18) dimethylbenzyl ammonium chloride / N-Alkyl-dimethyl benzyl ammonium chloride / Alkyl(C12-18) benzyl dimethylammonium chloride / Benzyl-C12-18-alkyldimethyl, chlorides / N-Alkyl dimethyl benzyl ammonium chloride (C12-18) / C12-18 Alkyl benzyl dimethyl ammonium chloride / Benzyl-C12-18-alkyldimethylammonium chlorides / Alkyl(C12-18)dimethylbenzyl ammonium chloride	(CAS-No.) 68391-01-5	5-10	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400
Alcohols, C12-15, ethoxylated	C12-15 PARETH-2 / C12-15 Pareth-3 / C12-15 PARETH-10 / Neonol P 1215-12 / C12-15 Pareth-11 / C12-15 PARETH-3 / C12-15 PARETH-4 / C12-15 Pareth-2 / C12-15 Pareth-9 / C12-15 Pareth-7 / C12-15 Pareth-5 / C12-15 Pareth-10 / Alcohols, (C12-15)ethoxylated / C12-15 PARETH-11 / C12-15 PARETH-12 / C12-15 Pareth-12 / .alpha.-Alkyl(C12-15)-.omega.-hydroxypoly(oxyethan-1,2-diyl) / Alcohols, C12-15, poly ethoxylated / .alpha.-Alkyl(C12-15)-.omega.-hydroxypoly(oxyethylene) / C12-15 PARETH-5 / Ethoxylated alcohols(C12-15) / C12-15 Pareth / C12-15 PARETH-7 / C12-15 PARETH-9	(CAS-No.) 68131-39-5	5-10	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Alcohol ethoxylate	Ethoxylated alcohols	(CAS-No.) Proprietary	1-5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400
Disodium carbonate	Sodium carbonate / Carbonic acid, disodium salt / Soda ash / Sodium carbonate (2:1) / Sodium carbonate, anhydrous / Carbonic acid sodium salt (1:2) / SODIUM CARBONATE / Bisodium carbonate / Sodium carbonate anhydrous / sodium carbonate	(CAS-No.) 497-19-8	1-5	Eye Irrit. 2A, H319

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Silica, amorphous, precipitated and gel	Precipitated silica / Silica gel / Silica gel, precipitated, crystalline free / Silica, amorphous, gel / Silica gel, precipitated, crystalline-free / Silica gel, crystalline free / Precipitated silica and silica gel / Silica gel, crystalline-free / Hydrated silica / Amorphous silicon dioxide / Silica gel, precipitated / Synthetic amorphous silicon dioxide / Dioxosilane / Silica, amorphous and synthetic, precipitated and gel / HYDRATED SILICA / Silica gel, crystal-free	(CAS-No.) 112926-00-8	0.1-1	Not classified
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Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of First-aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid Measures After Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust. Immediately call a poison center, physician, or emergency medical service.

**First-aid Measures After Skin Contact:** Immediately remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Get immediate medical advice/attention.

**First-aid Measures After Eye Contact:** Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Causes severe skin burns and eye damage.

**Symptoms/Injuries After Inhalation:** May be corrosive to the respiratory tract. Dust may be harmful or cause irritation.

**Symptoms/Injuries After Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Chronic Symptoms:** None expected under normal conditions of use.

#### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

### SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical. Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Combustible Dust.

**Explosion Hazard:** Dust explosion hazard in air.

**Reactivity:** May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

#### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Avoid raising dust.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Sulfur oxides. Nitrogen oxides. Chlorine gas.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses. Risk of dust explosion.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not breathe dust. Do not get in eyes, on skin, or on clothing. Avoid generating dust. Remove ignition sources. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

##### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

##### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

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**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Avoid generation of dust during clean-up of spills.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Contact competent authorities after a spill. Cautiously neutralize spilled solid. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Do not mix with acids. Contact with acids liberates toxic gas. Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

**Precautions for Safe Handling:** Do not breathe dust. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not get in eyes, on skin, or on clothing. Handle empty containers with care because they may still present a hazard. Avoid creating or spreading dust. Keep away from heat, sparks, open flames, and hot surfaces. No smoking.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container. Store locked up/in a secure area.

**Incompatible Materials:** Acids. Oxidizers.

### 7.3. Specific End Use(s)

Disinfectant

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Silica, amorphous, precipitated and gel (112926-00-8)		
USA OSHA	OSHA PEL (TWA) [1]	20 mppcf
USA OSHA	OSHA PEL (TWA) [2]	20 mppcf , 80/(SiO <sub>2</sub> ) mg/m <sup>3</sup> (See 29 CFR 1910.1000 TABLE Z-3)
Urea (57-13-6)		
USA AIHA	WEEL TWA	10 mg/m <sup>3</sup>

### 8.2. Exposure Controls

#### Appropriate Engineering Controls

: Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

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### Personal Protective Equipment

: Gloves. Protective clothing. Safety glasses with side-shields. Face shield. Insufficient ventilation: wear respiratory protection.



### Materials for Protective Clothing

: Chemically resistant materials and fabrics. Corrosion-proof clothing.

### Hand Protection

: Wear protective gloves.

### Eye and Face Protection

: Chemical safety goggles and face shield.

### Skin and Body Protection

: Wear suitable protective clothing.

### Respiratory Protection

: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

### Other Information

: When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Blue powder
Odor	: Odorless
Odor Threshold	: No data available
pH	: 10.5 [1% (10 g/L) solution, alkaline]
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Solubility	: Soluble in water.
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

### 9.2. Other Information

No additional information available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

### 10.2. Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of Hazardous Reactions

Hazardous polymerization will not occur. Contact with acids liberates toxic gas.

### 10.4. Conditions to Avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).

### 10.5. Incompatible Materials

Acids. Oxidizers.

### 10.6. Hazardous Decomposition Products

Thermal decomposition generates : Carbon oxides, Nitrogen oxides. Sulfur oxides. Chlorine.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

**Acute Toxicity (Oral):** Not classified

**Acute Toxicity (Dermal):** Not classified

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**Acute Toxicity (Inhalation):** Not classified

<b>Sodium sulfate (7757-82-6)</b>	
LD50 Oral Rat	> 5000 mg/kg (Estimated OECD SIDS)
<b>Disodium carbonate (497-19-8)</b>	
LD50 Oral Rat	2800 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg (No deaths)
LC50 Inhalation Rat	2300 mg/m <sup>3</sup> (Exposure time: 2 h)
ATE (Vapors)	2.30 mg/l/4h
ATE (Dust/Mist)	2.30 mg/l/4h
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
LD50 Oral Rat	1600 mg/kg
LD50 Dermal Rabbit	2500 mg/kg
<b>Urea (57-13-6)</b>	
LD50 Oral Rat	8471 mg/kg
<b>Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (85409-23-0)</b>	
LD50 Dermal Rabbit	2300 mg/kg
ATE (Oral)	500.00 mg/kg body weight
<b>Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391-01-5)</b>	
LD50 Oral Rat	850 mg/kg
LD50 Dermal Rabbit	2300 mg/kg

**Skin Corrosion/Irritation:** Causes severe skin burns.

**pH:** 10.5 [1% (10 g/L) solution, alkaline]

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**pH:** 10.5 [1% (10 g/L) solution, alkaline]

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

<b>Silica, amorphous, precipitated and gel (112926-00-8)</b>	
IARC group	3

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May be corrosive to the respiratory tract. Dust may be harmful or cause irritation.

**Symptoms/Injuries After Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Chronic Symptoms:** None expected under normal conditions of use.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General** : Very toxic to aquatic life.

<b>Sodium sulfate (7757-82-6)</b>	
LC50 Fish 1	13500 (13500 – 14500) mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 - Crustacea [1]	2564 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	> 6800 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
ErC50 (Algae)	1584.583 mg/l
NOEC Chronic Fish	245 mg/l
NOEC Chronic Crustacea	728 mg/l
NOEC Chronic Algae	1265 mg/l
<b>Disodium carbonate (497-19-8)</b>	
LC50 Fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [1]	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	310 – 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

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<b>Silica, amorphous, precipitated and gel (112926-00-8)</b>	
LC50 Fish 1	10000 mg/l
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
LC50 Fish 1	0.59 mg/l
<b>Urea (57-13-6)</b>	
LC50 Fish 1	16200 – 18300 mg/l (Exposure time: 96 h - Species: Poecilia reticulata)
EC50 - Crustacea [1]	3910 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

### 12.2. Persistence and Degradability

<b>ModClean</b>	
Persistence and Degradability	Expected to be biodegradable.

### 12.3. Bioaccumulative Potential

<b>ModClean</b>	
Bioaccumulative Potential	Not expected to bioaccumulate.

<b>Disodium carbonate (497-19-8)</b>	
BCF Fish 1	(no bioaccumulation)
<b>Urea (57-13-6)</b>	
BCF Fish 1	< 10
Partition coefficient n-octanol/water (Log Pow)	-1.59 (at 25 °C)

### 12.4. Mobility in Soil

<b>ModClean</b>	
Ecology - Soil	Leaches if exposed to water.

### 12.5. Other Adverse Effects

Other Adverse Effects : None known.  
Other Information : Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

**Waste Treatment Methods:** Incineration is the preferred method for disposal of waste product.

**Sewage Disposal Recommendations:** Do not dispose of waste into sewer.

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### 14.1. In Accordance with DOT

Proper Shipping Name : CORROSIVE SOLIDS, N.O.S. (CONTAINS QUATERNARY AMMONIUM CHLORIDES)  
Hazard Class : 8  
Identification Number : UN1759  
Label Codes : 8  
Packing Group : III  
Marine Pollutant : Marine pollutant  
ERG Number : 154



### 14.2. In Accordance with IMDG

Proper Shipping Name : CORROSIVE SOLID, N.O.S. (CONTAINS QUATERNARY AMMONIUM CHLORIDES)  
Hazard Class : 8  
Identification Number : UN1759  
Packing Group : III  
Label Codes : 8  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B



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**Marine Pollutant** : Marine pollutant

### 14.3. In Accordance with IATA

**Proper Shipping Name** : CORROSIVE SOLID, N.O.S. (CONTAINS QUATERNARY AMMONIUM CHLORIDES)

**Packing Group** : III

**Identification Number** : UN1759

**Hazard Class** : 8

**Label Codes** : 8

**ERG Code (IATA)** : 8L



**Transport/Additional information:** Limited Quantity for packages less than 30 kg and inner packagings less than 5 kg.

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

<b>ModClean</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Health hazard - Serious eye damage or eye irritation Health hazard - Skin corrosion or Irritation Physical hazard - Combustible dust
<b>EPA FIFRA Pesticide Product Notice</b>	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.
<b>EPA Product Registration #:</b>	1839-93.
<b>EPA FIFRA Signal Word</b>	Danger
<b>EPA FIFRA Hazard Statements</b>	CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. May be fatal 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.  ENVIRONMENTAL HAZARDS This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination "System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment.

#### Disodium carbonate (497-19-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

#### Alcohols, C12-15, ethoxylated (68131-39-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

#### EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

#### Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391-01-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

### 15.2. US State Regulations

#### Sodium sulfate (7757-82-6)

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - Massachusetts - Right To Know List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

#### Silica, amorphous, precipitated and gel (112926-00-8)

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - Massachusetts - Right To Know List



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### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest Revision** : 05/18/2022  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

#### GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Corr. 1C	Skin corrosion/irritation Category 1C
Skin Irrit. 2	Skin corrosion/irritation Category 2
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom)