

# SAFETY DATA SHEET

Date issued : 05/13/2015  
SDS number : Triple S\_Tri-Max  
Date revised : 12/16/2021  
Revision number : 1

## SSS Tri-Max Disinfecting Glass & Multi-Surface Cleaner

### 1. Identification

**Product code:** 48033, 48290, 48399  
**Product identifier:** SSS Tri-Max Disinfecting Glass & Multi-Surface Cleaner  
**Product description:** Disinfecting Glass & Multi-Surface Cleaner  
**Chemical family:** Alcohol/Quaternary Ammonium Chloride  
**Relevant identified uses:** Ready to Use Disinfectant Cleaner

#### Distributor

Triple S  
98 Spit Brook Road  
Nashua, NH 03062  
<http://www.triple-s.com>  
**Customer Service:** 978-667-7900

#### Emergency telephone number (24 hour)

888-779-1339

**EPA reg. No.:** 10324-85-12120

### 2. Hazard identification

#### Classification of the substance or mixture

##### Health hazards:

Skin Irritation, Category 3  
Eye Irritation, Category 2B

#### Label elements

**Signal word:** WARNING

#### Hazard statement(s)

H320: Causes eye irritation.  
H316: Causes mild skin irritation.  
H303: May be harmful if swallowed.

#### Precautionary statement(s)

##### Prevention:

P264: Wash hands thoroughly after handling.  
P234: Keep only in original packaging.

##### Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P362: Take off contaminated clothing.

##### Storage:

P405: Store locked up.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

#### Emergency overview

**Physical appearance:** Purple liquid.

**Immediate concerns:** Moderate eye irritant.

#### Potential health effects

**Eye:** Contact causes eye irritation.

**Skin:** May be mildly irritating with prolonged or repeated contact.

**Skin absorption:** No known significant effects or critical hazards.

**Ingestion:** Harmful if swallowed.

#### Reproductive toxicity

**Teratogenic effects:** No known significant effects or critical hazards.

**Carcinogenicity:** No known significant effects or critical hazards.

**Mutagenicity:** No known significant effects or critical hazards.

**Routes of entry:** Eye, skin, ingestion.

**Warning caution labels:** Irritant

### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Alkyl (50% C14, 40% C12, 10% C16) Dimethyl Benzyl Ammonium Chloride	0.034	68424-85-1
Octyl Decyl Dimethyl Ammonium Chloride	0.026	32426-11-2
Diocetyl Dimethyl Ammonium Chloride	0.013	5538-94-3
Didecyl Dimethyl Ammonium Chloride	0.013	7173-51-5
Isopropyl Alcohol	0 - 2	67-63-0
Ethanolamine	0 - 1	141-43-5
Dye	< 0.1	TS
Fragrance	< 1	TS
Water	90	7732-18-5

### 4. First-aid measures

**Eye:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**Skin:** Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

**Ingestion:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**Inhalation:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

#### Most important symptoms and effects, both acute and delayed

**Eye:** Burning sensation with tears, redness.

**Skin:** Redness and itching sensation.

**Ingestion:** Irritation of mouth, throat, along with upset stomach, vomiting.

**Inhalation:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**Acute effects:** Irritating to eyes, mild skin irritation.

### 5. Fire-fighting measures

**Flammable class:** None

**Suitable extinguishing media:** Not required.

**Explosion hazards:** None

**Hazardous decomposition products:** Decomposition products may include: Carbon dioxide, Carbon monoxide, nitrogen oxides.

### 6. Accidental release measures

**Small spill:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Large spill:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

#### Environmental precautions

**Water spill:** Avoid discharges into open waterways and notify your local emergency services if this occurs.

**Land spill:** Avoid discharge to soil.

**Air spill:** NA = Not Applicable

**General procedures:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**Release notes:** Product is toxic to fish and aquatic invertebrates.

**Special protective equipment:** Eye protection, rubber gloves, rubber boots to protect feet.

### 7. Handling and storage

**General procedures:** Do not contaminate water, food, or feed by storage and disposal.

**Precautions for safe handling:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**Conditions for safe storage:** Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, and water sources. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**Storage temperature:** Store at ambient temperatures.

**Storage pressure:** Store at ambient atmospheric pressure.

## 8. Exposure controls/personal protection

### Exposure controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m <sup>3</sup>
Isopropyl Alcohol	OSHA PEL	TWA	400	980
		STEL		
	ACGIH TLV	TWA	200	490
		STEL	400	960
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Ethanolamine	OSHA PEL	TWA	3	6
		STEL		
	ACGIH TLV	TWA	3	7.5
		STEL	6	15
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

### Individual protection measures, such as personal protective equipment

**Eye / face protection:** Safety glasses with side shields.

**Skin protection - hand protection:** Rubber or other chemical resistant gloves.

**Respiratory protection:** A respirator is not needed under normal and intended conditions of product use.

**Occupational hygiene practices:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. Physical and chemical properties

**Physical state:** Liquid

**Color:** Purple

**Odor:** Lavender

**Odor threshold:** Not Established

**pH:** 10.0 to 11.5

**Freezing point:** 32° F; 0° C

**Initial boiling point and boiling range:** 212° F; 100° C

**Flash point:** None

**Evaporation rate (n-butyl acetate = 1):** (Water =1) 1.0

**Lower explosion limit / flammability limit:** N/A

**Vapor pressure:** 20 mm Hg at (68°F)

**Relative vapor density:** ~ 1 Air = 1

**Density:** 8.29 at 20°C (68°F)

**Relative density:** 0.998 grams/ml. at 20°C (68°F)

**Solubility:** Complete

**Auto-ignition temperature:** NA = Not Applicable

**Decomposition temperature:** Not Available

**Viscosity:** Water thin.

**Percent volatiles:** >98

**VOC content:** 2.5 % by weight

## 10. Stability and reactivity

**Reactivity:** Stable

**Dangerous polymerization:** Will not occur.

**Conditions to avoid:** Not Established

**Hazardous decomposition products:** None Expected.

**Incompatible materials:** Strong oxidizers

## 11. Toxicological information

**Acute toxicity**

Chemical name	LD <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)	LC <sub>50</sub> (inhalation) mg/l
Alkyl (50% C14, 40% C12, 10% C16) Dimethyl Benzyl Ammonium Chloride	430 mg/kg (rat)	3560 mg/kg (rat)	
Octyl Decyl Dimethyl Ammonium Chloride	238 mg/kg (rat)	3342 mg/kg (rat)	0.07 mg/L
Dioctyl Dimethyl Ammonium Chloride	238 mg/kg (rat)	3342 mg/kg (rat)	0.07 mg/L
Didecyl Dimethyl Ammonium Chloride	238 mg/kg (rat)	3342 mg/kg (rat)	0.07 mg/L
Isopropyl Alcohol	5045 mg/kg (rat)	12800 mg/kg (rabbit)	16000 ppm
Ethanolamine	1089 mg/kg (rat)	2504 mg/kg (rabbit)	~ 1.48 mg/l

**Acute dermal toxicity LD<sub>50</sub>:** > 2000 mg/kg male and female rabbits.

**Acute oral toxicity LD<sub>50</sub>:** > 5000 mg/kg Male and Female rats.

**Skin corrosion / irritation:** NA = Not Applicable

**Germ cell mutagenicity:** No known significant effects or critical hazards.

**Carcinogenicity**

**IARC:** No listed substance

**Reproductive toxicity:** No known significant effects or critical hazards.

**Specific Target Organ Toxicity - single exposure:** No known significant effects or critical hazards.

## 12. Ecological information

**Ecotoxicological information:** This product is toxic to fish and aquatic invertebrates.

**Aquatic toxicity, both acute and chronic:** Not Established

**Persistence and degradability:** This product is biodegradable.

**Other adverse effects:** Not Established

## 13. Disposal considerations

**Disposal methods:** Attempt to use product completely in accordance with intended use. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**For large spills:** Consult with local and state authorities for large volume disposal.

**Empty container:** Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose in a sanitary landfill, or by incineration.

## 14. Transport information

**USA Department of Transport Regulations (DOT)**

**UN proper shipping name:** Not regulated.

**Placards:** None

**Hazard label:** None

**U.S. Customs harmonization number:** 3808.94.0000

**ICAO - air**

**UN proper shipping name:** Not regulated.

**IMDG - sea**

**UN proper shipping name:** Not regulated.

## 15. Regulatory information

**UNITED STATES**

**SARA Section 311/312 Hazard Categories**

**311/312 Health hazards:** Health - Acute

**313 reportable ingredients:** No listed substance

**EPCRA Section 302 Extremely Hazardous Substances**

**EPCRA Status:** No listed substance

**TSCA (The Toxic Substances Control Act)**

**TSCA regulatory:** All ingredients are listed on the TSCA Chemical Inventory.

**States with special requirements**

Chemical name	Requirements
Isopropyl Alcohol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance
Ethanolamine	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance

**California Proposition 65:** No listed substance

**Carcinogen:** No listed substance

**FIFRA (federal insecticide, fungicide, and rodenticide act):** Regulated

**16. Other information**

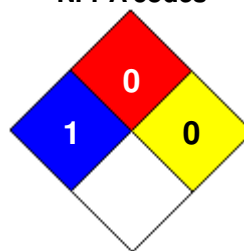
**Prepared by:** Regulatory Affairs Department      **Date revised:** 12/16/2021

**Revision summary:** This SDS replaces the 05/13/2015 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

**HMIS rating**

<b>Health</b>	<input type="text" value="1"/>
<b>Flammability</b>	<input type="text" value="0"/>
<b>Physical hazard</b>	<input type="text" value="0"/>
<b>Personal protection</b>	<input type="text" value="B"/>

**NFPA codes**



**Manufacturer disclaimer:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.