

# MATERIAL SAFETY DATA SHEET

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

N/A= Not Applicable  
Effective Date: 8/13 Revision: N/A

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

**Product Name:** Tri-Max  
**Generic Name:** Disinfecting Glass & Multi-Surface Cleaner  
**Chemical Family:** Quaternary/Detergent Blend  
**Formula:** Proprietary  
**Triple S Product Number:** 48033

**Manufactured For:** Triple S  
**Address:** 2 Executive Park Drive Billerica, MA 01862  
**Phone #:** 800-323-2251

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Alkyl dimethyl benzyl ammonium chloride (C <sub>12-16</sub> )	68424-85-1	< 0.1			
Octyl decyl dimethyl ammonium chloride	32426-11-2	< 0.1			
Dioctyl dimethyl ammonium chloride	5538-94-3	< 0.1			
Didecyl dimethyl ammonium chloride	7173-51-5	< 0.1			
Isopropanol	67-63-0	0 to 5			
Fragrance	N/A	0 to 1			
Dye	N/A	0 to 1			

## SECTION 3-PHYSICAL DATA

**Boiling Point (°F):** 212 F.  
**Vapor Pressure:** 20mm Hg @ 68 F.  
**% Volatile:** 99+  
**Solubility in Water:** Complete  
**Physical Description:** Thin purple liquid with pleasant lavender odor.  
**VOC Content:** 2% (wt/wt)

**Specific Gravity:** 0.995 – 1.000  
**Vapor Density (Air=1):** >1  
**pH:** 10.0 – 11.0  
**Evaporation Rate (Water=1):** >1

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** None (water based)  
**Upper Explosion Limit:** N/A **Lower Explosion Limit:** N/A  
**Extinguishing Media:** Not required  
**Special Firefighting Procedures:** N/A.  
**Unusual Fire and Explosion Hazards:** None

## SECTION 5-REACTIVITY DATA

**Stability:** Stable  
**Hazards Decomposition Products:** Not known

**Hazardous Polymerization:** None  
**Incompatibility (Materials to Avoid):** Strong oxidizers.

## SECTION 6-STORAGE AND HANDLING INFORMATION

CAUTION: Moderate Eye Irritant. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. Harmful if swallowed or absorbed through skin. Use in well-ventilated area. Keep out of reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Keep container closed during storage. For institutional and industrial use only.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**  
**Skin:** Mildly irritating. Prolonged or repeated contact may cause dermatitis.  
**Eyes:** Eye irritant. Liquid and mist may irritate the eyes, causing redness, tearing, and burning sensation.  
**Inhalation:** Mists may be irritating to the mucous membranes of the nose, throat, and lungs.  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.  
**First Aid Procedures:**  
**Skin:** Take off contaminated clothing. Flush with water for at least 15-20 minutes. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open, for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes. Seek medical attention.  
**Inhalation:** Get to fresh air. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Seek medical attention or call poison control center immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Use in well-ventilated area.  
**Ventilation Requirements:** General ventilation sufficient  
**Protective Gloves:** Chemical resistant rubber or neoprene recommended  
**Eye Protection:** Safety glasses or chemical splash goggles recommended only where danger of liquid or mist contact may occur.  
**Other Protective Equipment:** N/A

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Extinguish all ignition sources. Open window or doors, ventilate area well. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

**SARA Title III - Section 311/312 -Hazard Categories:**  
No - Fire Hazard  
No - Sudden Release of Pressure Hazard  
No - Reactivity Hazard  
Yes - Immediate (acute) Health Hazard  
No - Delayed (chronic) Health Hazard

**Shipping Information:**  
FOR CONTAINERS > 1 Gallon : Cleaning Compound  
FOR 1 GALLON CONTAINERS : Cleaning Compound  
FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMIS Hazardous Materials Identification System**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: ER# 1-888-779-1339**

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

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 our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product