TriSep Corporation

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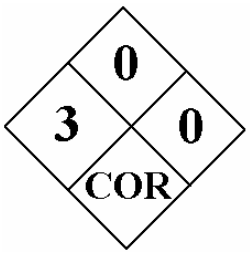
• MATERIAL SAFETY DATA SHEET •

Product Name: TriClean 218 **Date Prepared: 5-July-2006**

• PRODUCT AND COMPANY IDENTIFICATION •

Manufacturer/Supplier:
TriSep Corporation
93 South La Patera Lane
Goleta, CA 93117
Emergency Telephone : 1-877-741-1029
Outside U.S. Call 1-760-602-6096
Product Name: TriClean 218

NFPA Codes:



Health: 3
Fire: 0
Reactivity: 0
Other: Corrosive

• MATERIAL COMPOSITION •

Hazardous Components (1% or greater for hazardous components, 0.1% or greater for carcinogens)	**CAS #**	**%**	**OSHA PEL**	**ACGIH PEL**	**Other Limits Recommended**
Caustic Soda (sodium hydroxide)	1310-73-2	<7	2 mg/m^3	N/A	
Isopropyl alcohol	67-63-0	<2	400	500	
Tetrasodium EDTA	64-02-8	<4	None	None	
Sodium carbonate	497-19-8	<3	None	None	
Sodium Dodecylbenzene Sulfonate	25155-30-0	<8	None	None	

• PHYSICAL/CHEMICAL CHARACTERISTICS •

Boiling Point: Over 100°C

Specific Gravity: 1.14

Vapor Pressure: No data available

Freezing Point: Less than 0°C

Vapor Density: No data available

Evaporation Rate: No data available

Solubility in Water: Complete

Water Reactive: No

Appearance and Odor: Slight alcoholic odor, clear, Yellow liquid

pH: >13.5

• EXPOSURE CONTROL/PERSONAL PROTECTION •

Engineering Controls: Local exhaust ventilation capable of maintaining emissions in the work area below the ACGIH-PEL or OSHA-PEL.

Personal Protection

Eyes/Face: Use chemical safety goggles to protect against splashing. Eye-washes should be available.

Skin: Wear chemical resistant gloves such as natural or butyl rubber. Protective clothing made from rubber should be impervious under conditions of use. User should verify impermeability under normal conditions of use prior to general use.

Respiratory: A NIOSH/MSHA approved respirator for dust, mist and fume cartridges is required.

Handling: Wear impervious apron and boots. Safety shower and eye bath located close to chemical exposure area. Always add product – with constant stirring – slowly to surface of water.

Storage: Store in a cool, dry, well ventilated location in suitable containers. This product is corrosive to tin, aluminum, zinc and alloys containing these metals, and can react violently with these metals in powder form.

• DISPOSAL INFORMATION •

RCRA Hazardous Waste: When this product becomes a waste, it is classified as a corrosive Waste, D002, under criteria of the Resource Conservation and Recovery Act (40 CFR 268).

Waste Disposal: Dispose of waste material at an approved landfill site in accordance with local, state, and federal regulations. Do not dispose of waste with normal garbage or in local sewage.

Canada WHIMS: Corrosive material, Class and Division E

• TRANSPORTATION INFORMATION •

DOT/UN Hazard Class: Class 8

Proper Shipping Name: Sodium Hydroxide, liquid

Identification Number: UN 3266

Packaging Group: II

• FIRE AND EXPLOSION DATA •

Flash Point: N/A **Auto Ignition Temp.:** N/A

Flammability Limits in Air % By Volume

Lower Explosive Limit (LEL): N/A

Upper Explosive Limit (UEL): N/A

Special Fire Fighting Procedures: Non combustible, liquid, alkaline cleaner. Use appropriate media for surrounding fire.

Unusual Fire and Explosion Hazards: Forms hydrogen on contact with some soft metals (ie. Aluminum).

• REGULATORY INFORMATION •

TSCA: All components are listed in the TSCA inventory.

SARA Title III: Immediate (Acute) Health: Yes
Delayed (Chronic) Health: No
Fire Hazard: No
Reactive Hazard: No
Sudden release of pressure: No

CERCLA: Reportable quantity is 16,949 pounds of product as shipped.

• STABILITY AND REACTIVITY •

Stability: Stable

Reactivity: Non reactive

Conditions to Avoid: Strong oxidizing agents, acids, aluminum, magnesium, tin, and zinc.

Hazardous Decomposition: When heated to decomposition, to emits toxic oxides of carbon, sulfur, nitrogen and sodium.

• HEALTH HAZARD INFORMATION •

Emergency Overview: Liquid and mists can be corrosive to all tissues contacted. Inhalation of mist may cause lung damage. This product may react violently with acids and other substances.

Potential Health Effects

Eye: Exposure to liquid or mists may be severely irritating or corrosive to the nose, mouth, throat, mucous membranes and lungs. Corneal damage with impairment of vision may result.

Skin: Contact produces severe irritation and destroys tissues. Irritation may be delayed.

Ingestion: Causes severe burns to mucous membranes of the mouth, throat, esophagus, and stomach.

Inhalation: Breathing of the dust, mist, or spray may cause damage to the upper respiratory tract and the lung tissue which could produce chemical pneumonia depending upon the severity of the exposure.

Chronic/Carcinogenicity

NTP: Not listed

OSHA: Not listed

IARC: Not listed

Medical Restrictions: None known

• FIRST AID MEASURES •

Eyes: Flush eyes immediately for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within several seconds is essential to achieve maximum effectiveness. GET IMMEADIATE MEDICAL ATTENTION.

Skin: IMMEDIATELY wash contaminated areas with plenty of water for at least 15 minutes. Remove contaminated clothing and footwear and wash clothing before reuse. Discard footwear which cannot be decontaminated. If burn or irritation occurs, contact a physician.

Ingestion: If swallowed, do not induce vomiting. Give large amounts of water. If available, give several glasses of milk. Do not give an unconscious person anything to drink. GET IMMEADIATE MEDICAL ATTENTION

Inhalation: Remove person to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth-to-mouth resuscitation.

• SPILL OR LEAK PROCEDURES •

Steps to be taken event of a spill or release (in all cases notify applicable government authority if spill is significant):
Stop discharge and contain runoff from rainwater by diking with earth or other barrier. Sweep up material and contaminated soil for recovery or disposal.

Environmental Effects: May be harmful to aquatic life.

Neutralizing Chemicals: Neutralize carefully with dilute inorganic acids such as hydrochloric, sulfuric, nitric, phosphoric or acetic acid to a pH of 6 to 9.

Waste Disposal: Dispose of waste material at an approved landfill site in accordance with local, state, and federal regulations. Do not dispose of waste with normal garbage or in local sewage system.

• OTHER •

Prepared By: TriSep Corporation Regulatory Affairs Department (805) 964-8003

Note: The opinions expressed herein are those of qualified experts within TriSep. We believe the information to be current as of the date of this Material Safety Data Sheet. Since the use of this information and the conditions of the use of the product are not under the control of TriSep, it is the user's obligation to determine conditions of safe use of the product.