



TriSep Corporation
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MATERIAL SAFETY DATA SHEET

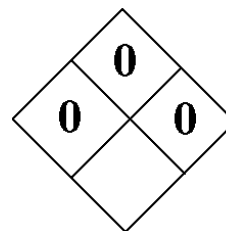
Product Name: TriClean 210

Date Prepared: 5-Jan-2010

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 210

NFPA Codes:



Health: 0
Fire: 0
Reactivity: 0
Other: N/A

MATERIAL COMPOSITION

Hazardous Components (1% or greater for hazardous components, 0.1% or greater for carcinogens)	CAS #	%	OSHA PEL	ACGIH PEL	Other Limits Recommended
Organic acid	77-92-9	>90	N/A	N/A	
Not Listed on OSHA Standard 29 CFR 1910 Subpart Z		<10	N/A	N/A	

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A

Specific Gravity: 1.665

Vapor Pressure: N/A

Freezing Point: N/A

Vapor Density: N/A

Evaporation Rate: Non Volatile

Solubility in Water: 162g/100ml at 25°C

Water Reactive: No

Appearance and Odor: Odorless, free flowing, white Crystals. Strong acid taste.

pH: 1% solution = 2-3

EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation required.

Personal Protection

Eyes/Face: Use chemical safety goggles when there is potential for eye contact. Eye-washes should be available.

Skin: Gloves and 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 if required.

Handling: Wear impervious apron and boots. Safety shower and eye bath located close to chemical exposure area.

Storage: Store in a cool, dry, well ventilated location in suitable containers.

DISPOSAL INFORMATION

RCRA Hazardous Waste: When this product becomes a waste, it is classified as a non-hazardous waste under criteria of the Resource Conservation and Recovery Act (40 CFR 261).

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.

TRANSPORTATION INFORMATION

DOT/UN Hazard Class: Not regulated

Proper Shipping Name: Organic Acid

Identification Number: N/A

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 flammable, use appropriate media for surrounding fire.

Unusual Fire and Explosion Hazards: None

REGULATORY INFORMATION

TSCA: None of the components of this product are regulated under the regulations of the Toxic Substances Control Act

SARA Title III: This product does not contain any toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA)

STABILITY AND REACTIVITY

Stability: Stable

Reactivity: Non reactive

Conditions to Avoid: None

Hazardous Decomposition: Acid fumes, carbon dioxide, carbon monoxide.

HEALTH HAZARD INFORMATION

Emergency Overview: Possible irritation to eyes, skin or respiratory tract. Oral ingestion may cause nausea, vomiting.

Potential Health Effects

Eye: May cause irritation.
Skin: May cause mild irritation.
Ingestion: May cause nausea, vomiting.
Inhalation: Inhalation of vapors may cause irritation to respiratory system.

Chronic/Carcinogenicity

NTP: Not listed
OSHA: Not listed
IARC: Not listed

Medical Restrictions: None known

FIRST AID MEASURES

Eyes: Flush immediately with water for at least 15 minutes. See a physician if irritation persists.

Skin: Wash skin with soap and water. If chemical penetrates clothing, immediately remove clothing and wash skin with soap and water. See a physician if irritation persists.

Ingestion: Dilute by giving 1-2 glasses of water. Do not give unconscious person anything by mouth. Do not induce vomiting.

Inhalation: Remove to fresh air. See a physician if irritation persists.

• SPILL OR LEAK PROCEDURES •

Steps to be taken in 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 soda ash or sodium bicarbonate 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.