
Cool-Amp Conducto-Lube Company

Material Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Trade Name	Cool-Amp
Product Number	1233-500
Tariff Number	B7106.10
Synonyms	N/A
Manufacturer/Supplier	Cool-Amp Conducto-Lube Company
Address	15834 Upper Boones Ferry Road Lake Oswego, OR 97035 Phone: 503-624-6426 Fax: 503-624-6436 www.cool-amp.com

EMERGENCY CONTACT INFORMATION

Telephone

Product Emergency Telephone Number (24-hr)	(503)969-3021
MSDS and Product Information (Business Hours)	(503)624-6426

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS-No.</u>	<u>Concentration</u>
Sodium Chloride	7647-14-5	<40
Calcium Carbonate	471-34-1	<40
Silver Chloride	7783-90-6	<15
Non-Hazardous	proprietary	<15

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING!

- Causes eye irritation.
- May cause skin irritation.
- May be harmful if swallowed.
- May be harmful if inhaled.
- Considered a nuisance dust.

Product Description

Appearance: White solid powder

Odor: Odorless.

Potential health effects

Routes of exposure: Skin, eyes, inhalation, ingestion.

Immediate(Acute) effects:

Skin: May cause skin irritation.

Eyes: Causes eye irritation, redness and can cause pain.

Inhalation: May cause respiratory tract irritation. Contains a component that is considered a nuisance dust. Nuisance dusts may cause symptoms such as coughing, sneezing and nasal irritation.

Ingestion: May be harmful if swallowed. Very large amounts ingested may cause nausea, vomiting, diarrhea, and dehydration. This product contains a hypertonic salt and these solutions can cause severe reactions in the gastrointestinal tract if ingested in large amounts.

Mutagenic: Components do not show mutagenic potential.

Teratogenic: Based on component data, this product does not have teratogenic potential.

Target organ effects: Overexposure (prolonged or repeated exposure) may cause:

Irritation to the eyes

Irritation of the respiratory tract

Irritation of the digestive tract

Medical conditions which may be aggravated by exposure:

Significant exposure to this chemical may adversely affect people with acute or chronic disease of the:

Respiratory Tract

Skin

Eyes

SECTION 4: FIRST AID MEASURES

Skin: Flush skin with plenty of water. Remove contaminated clothing. Call a physician if irritation develops and persists. Wash clothing before reuse.

Eyes: Flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention if irritation develops and persists.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if irritation develops and persists.

Ingestion: If large quantities of this material are swallowed, call a physician. Induce vomiting ONLY as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician if irritation persists.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

NFPA: Health: 1 Flammability: 0 Reactivity: 0

Flash point: Not available.

Autoignition temperature: Not expected to autoignite.

Products of combustion: May evolve chlorine gas when in contact with strong acids.

Extinguishing Media: Use water spray or foam. This product is not flammable.

Fire Fighting Instructions: No special precautions needed.

Fire Fighting Environmental Concerns: No environmental concerns with this product.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Leak Instructions: Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into containers for proper disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Use with adequate ventilation.

Storage: Do not store with incompatible materials. Avoid humid or wet conditions as product will cake and become hard.

Special Sensitivity: Avoid contact with strong acids.

Handling and Storage Precautions: Becomes hygroscopic at 75% relative humidity.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

PERSONAL PROTECTIVE EQUIPMENT

Protective Equipment: A safety shower and eyebath should be readily available.

Skin protection: Protective clothing may be worn in dusty areas, but is generally not required.

Eye/face protection: Eyeglasses or goggles should be worn in dusty areas to prevent mechanical irritation due to nuisance dust.

Respiratory protection: Based on workplace contaminant level and working limits of the respirator, use a respirator approved by NIOSH. The components of this product have the following exposure limits assigned and it is recommended that respiratory protection be utilized as part of general safety measures to protect workers against exposure above these established limits.

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TVL</u>
Calcium Carbonate	15 ppm (total dust) 5 ppm (nuisance dust)	3 ppm (respirable) 10 ppm (inhalable particles)
Silver Chloride (TWA's – as soluble silver compounds)	0.01 ppm n/a	0.01 ppm 0.1 ppm (TWA) as silver metal

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White solid

Odor: Odorless

Density: 2.52 g/cc

Specific Gravity: 2.4

Solubility (water): Appreciable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Avoid contact with strong acids. Becomes corrosive to metals when wet.

Incompatibility: Avoid contact with strong acids.

Hazardous Combustion or Decomposition Products: May evolve chlorine gas when in contact with strong acids.

Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Description: No information is available for this product, however based on component data this product is expected to have minimal toxicological effects.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No information is available for this product, however based on component data this product is expected to have minimal ecological effects.

Environmental Degradation: No information is available for this product, however based on component data this product is expected to have minimal environmental effects.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of spilled material in accordance with state and local regulations. Recommended methods are indicative of those that are used at a federally or state-permitted disposal facility. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste.

SECTION 14: TRANSPORTATION INFORMATION

US Department of Transportation: Product ships as Non-Regulated by DOT.

ICAO/IATA: Product ships as Non-Regulated by ICAO/IATA.

IMDG: Product ships as Non-Regulated by IMDG.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA Inventory Listing: All components of this product are listed on the TSCA inventory.

Global Inventory Status: All components of this product are listed on the inventories for the following global governing bodies:

EC - Europe
DSL – Canada
Phil – Philippines
Kor – Korea
Aust – Australia
Japan - Japan

<u>SECTION 16: OTHER INFORMATION</u>

HAZARD RATINGS

Hazard ratings: This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

	<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
HMIS	1	0	0
NFPA	1	0	0

THE DATA AND INFORMATION CONTAINED HEREIN ARE BEING FURNISHED FOR INFORMATIONAL PURPOSES ONLY, UPON THE EXPRESS CONDITION THAT EACH CUSTOMER SHALL MAKE ITS OWN ASSESSMENT OF APPROPRIATE USE AND APPROPRIATE SHIPPING, TRANSFER AND STORAGE MATERIALS AND PROCEDURES FOR COOL-AMP. ALTHOUGH BASED ON INFORMATION SOURCES COOL-AMP CONDUCTO-LUBE COMPANY CONSIDERS ACCURATE AND RELIABLE, COOL-AMP CONDUCTO-LUBE COMPANY MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, REGARDING THE VALIDITY OF THIS INFORMATION, THE INFORMATION SOURCES UPON WHICH THE SAME ARE BASED, OR THE RESULTS TO BE OBTAINED, AND EXPRESSLY DISCLAIMS LIABILITIES FOR DAMAGES OR INJURIES RESULTING FROM THE USE THEREOF.

Reviewed October 14, 2010

Toni O'Donnell