

Material Safety Data Sheet

Section 1 – Product and Company Identification



Hazardous Material Identification System	Health 1 Flammability 1 Reactivity 0 Personal Protection B
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Product Description: Lubricant

Mfg By:

American Research Products
2325 Palos Verdes Drive West, # 208
Palos Verdes Estates, CA 90274
310-541-1512

Telephone Numbers:

ChemTrec 24 hours 800-424-9300

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Product Name: Tube Form 507

Section 2 - Composition, Information on Ingredients

Ingredient	C.A.S. Number	Percent	T.L.V.	P.E.I.
Triethanolamine	102-71-6	10-15%		
Hexanoic Acid, 3,5,5-	292601-83-3	5-10%		
Trimethyl-, compound with 2-(2-Aminoethoxy)Ethanol (1:1)				
Borates, Tetra, Sodium salts -Anhydrous	1330-43-4	1-5%		

Section 3 - Hazards Identification

HMIS Rating – Health	Fire	Reactivity	Personal Protector
1	1	0	B

Potential Health Effects

Routes of Entry: Inhalation, Eyes, Skin, Ingestion

Inhalation: May cause respiratory tract irritation

Eye Contact: May cause eye irritation

Skin Contact: May cause skin irritation

Ingestion: Ingestion may cause gastrointestinal irritation and diarrhea

Section 4 - First Aid Measures

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

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear

Section 5 - Fire Fighting Measures

Flashpoint and Method: NA

Flammable Limits: May be combustible at high temperature

General Hazard: These products are carbon oxides (CO, CO₂) Nitrogen Oxides (NO, NO₂ etc). Some metallic oxides. This material is not explosive as defined by established regulatory criteria. In case of fire, use water fog, foam, dry chemicals, or carbon dioxide

Section 6 - Accidental Release Measures

Large Spill: Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment. Follow all fire fighting procedures. If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Avoid contact of spilled material with soil and prevent runoff entering surface waterways.

Small Spill: Same as above

Section 7 - Handling and Storage

Storage Temperature: Keep container tightly closed. Keep container in a cool, well-ventilated area. Empty containers may contain harmful, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards. Do not ingest. Do not get in eyes, on skin or on clothing. Avoid contact with skin and clothing. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Use only with adequate ventilation. Wash thoroughly after handling. DO NOT add Nitrites to this fluid.

Section 8 - Exposure Controls, Personal Protection

Personal Protection:

Respirator: Use only with adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable

Gloves: Wear gloves that cannot be penetrated by chemicals or oil.

Safety Glasses: Avoid contact with eyes. safety glasses with side shields

Other Protective Clothing: Avoid contact with skin and clothing. Wear clothing and footwear that cannot be penetrated by chemicals or oil.

Section 9 - Physical and Chemical Properties

Vapor Pressure: NA

Vapor Density (Air=1): 1060 kg/m³ (1.06 g/cm³) at 15.6°C

Specific Gravity: 1.05 to 1.07

Solubility in Water: Easily soluble in cold water, hot water

Appearance and Odor: Liquid with slight odor

pH: 8.7 to 9.3 at 5%

Section 10 - Stability and Reactivity

Conditions to Avoid: NA

General Precautions: This product is stable

Section 13 - Disposal Considerations

Disposal Instructions:

If material cannot be used for its intended purpose, it is recommended that you contact a chemical waste disposal company. Since laws vary from region to region, contact your Local, State, and Federal authorities for regulations governing the disposal of chemical waste.

Section 14 - Transport Information

D.O.T. - Department of Transportation:

Proper Shipping Name: Not Regulated

Labels: **Tube Form 507**

Precautions: