

Material Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product name GROOVY
Product use Anti-Seize Lubricant Paste
Product code 0687
Date of issue 07/01/09 **Supersedes** 03/24/06

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
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Printing date: 07/01/09

Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

WARNING

CAUSES EYE IRRITATION. HARMFUL IF SWALLOWED.

1 0 0

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Eye contact.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation No known acute effects of this product resulting from inhalation.

Ingestion Harmful if swallowed. Can cause gastrointestinal disturbances.

Chronic effects Prolonged or repeated contact may dry skin and cause irritation.

Carcinogenicity

No known significant effects or critical hazards.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

| Name of Hazardous Ingredients | CAS number | % by Weight |
|-------------------------------|------------|-------------|
| COPPER; copper compounds | 7440-50-8 | 25 - 35 |

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

Skin Contact Flush affected skin with plenty of water. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. If irritation persists, get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point Not available.

Flammable Limits Not available.

Flammability Non-combustible.

Fire hazard In a fire or if heated, a pressure increase will occur and the container may burst. May emit toxic fumes under fire conditions. Fire will produce dense black smoke.

Fire-Fighting Procedures

Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up Unlikely in this form.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Do not ingest. Wash thoroughly after handling.

Storage Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

COPPER; copper compounds

Exposure limits

OSHA PEL (United States).

TWA: 1 mg/m³ 8 hour(s). Form: Dusts and mists

ACGIH TLV (United States).

TWA: 1 mg/m³ 8 hour(s). Form: Dusts and mists

Personal Protective Equipment (PPE)

Eyes Safety glasses.

Body Wear appropriate protective clothing to prevent skin contact.
Recommended: Neoprene gloves. Nitrile gloves. Rubber gloves.

Respiratory No special precautions or equipment.

Section 9. Physical and Chemical Properties

Physical State Liquid. (Viscous liquid. Paste.)

Color Opaque. Gray.

pH Not available.

Odor Petroleum-like. [Slight]

Boiling Point Not determined.

Vapor Pressure Not determined.

Specific Gravity 1.394

Vapor Density >1 [Air = 1]

Solubility Insoluble in the following materials: cold water and hot water.

Evaporation Rate Not determined.

VOC (Consumer) 0 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Slightly reactive or incompatible with the following materials: oxidizing materials and alkalis.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological Information**Acute Toxicity**

Not available.

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste

Section 14. Transport Information

| Regulatory information | UN number | Proper shipping name | Classes | PG* | Label |
|---------------------------|----------------|----------------------|---------|-----|-------|
| DOT Classification | Not regulated. | None. | - | | |

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

Product name

Copper

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.