

# Material Safety Data Sheet



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1-877-I-BUY-ZEP (428-9937)  
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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.  
Atlanta, GA 30318

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## Section 2. Hazards Identification

### Emergency overview

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

#### WARNING



CAUSES EYE IRRITATION. HARMFUL IF SWALLOWED.

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

### 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

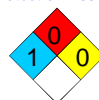
National Fire Protection Association (U.S.A.)

**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/m<sup>3</sup> 8 hour(s). Form: Dusts and mists

ACGIH TLV (United States).

TWA: 1 mg/m<sup>3</sup> 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, CO<sub>2</sub>)**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.