

**MSDS - Material Safety Data Sheet****Product Name: ANTI SEIZE LUBE****MSDS No.: L808****I. Basic Information:****Manufacturer:** RADIATOR SPECIALTY COMPANY**Address:** 600 RADIATOR ROAD**City, ST Zip:** INDIAN TRAIL, NC 28079**Country:****Contact:** Robert Geer**Information Telephone Number:** 704-684--181 1**Emergency Contact:** Rocky Mountain Poison Control Center**Emergency Telephone Number:** 303-623-5716**Emergency Restrictions:****Product Name:** ANTI SEIZE LUBE**MSDS No.:** L808**Issue Date:** 07/08/2009**Supersedes Date:** 06/20/2005**II. Hazards Identification:****EMERGENCY OVERVIEW**

Product is not Hazardous

**OSHA Regulatory Status**

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

**Potential Health Effects****Route(s) of Entry:**

Ingestion.

**Health Hazards (Acute and Chronic):**

See signs and symptoms below

**Signs and Symptoms:**

EYE: This product could cause some mechanical irritation if gotten into the eyes and rubbed.

Skin: Skin irritation can occur if prolonged or repeated skin contact occurs. Keep out of open wounds.

Inhalation: Avoid breathing large quantities of the thermal decomposition fumes.

Ingestion: This product has very low toxicity

**Medical Conditions Generally Aggravated by Exposure:**

None known

**Other Health Warnings:**

Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

**Potential Environmental Effects**

Not Available

**III. Composition/Information on Ingredients:**

Chemical Name	CAS No.	% Range	Trade Secret
Aluminum (fume or dust)	7429-90-5	5.0-10.0	
Copper	7440-50-8	10.0-30.0	
Graphite (natural) dust	7782-42-5	10.0-30.0	
Petroleum Oil	64742-65-0	40.0-70.0	

**IV. First Aid Measures:****Emergency and First Aid Procedures:**

Eye Contact: Flush eyes with clean water for 15 minutes while lifting eyelids. Get prompt medical attention.

Skin Contact: Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Launder contaminated clothing before reuse.

Inhalation: Remove to fresh air. If breathing becomes difficult get prompt medical attention.

Ingestion: DO NOT INDUCE VOMITING! Call Poison Control Center, physician, or hospital emergency room immediately.

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**Note to Physicians:**

N/E

**V. Fire Fighting Measures:****Suitable Extinguishing Media:**

Water Fog, Foam, Carbon Dioxide, Dry Chemical

**Unsuitable Extinguishing Media:**

Do not use forced water stream as this could cause the fire to spread.

**Products of Combustion:**

Thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating

**Protection of Firefighters:**

Wear self-contained positive pressure breathing apparatus and protective clothes. This compound will not burn unless it is pre-heated.

**VI. Accidental Release Measures:****Personal Precautions:**

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

**Environmental Precautions:**

Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred. Run off to sewer may create fire or explosion hazard.

**Methods for Containment:**

Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc).

**Methods for Cleanup:**

Using a scoop, place contaminated material into an approved chemical waste container.

**Other Information:**

Wear recommended protective equipment. Scoop and place contaminated material into an approved chemical waste container.

**VII. Handling and Storage:****Handling Precautions:**Handling: Use with adequate ventilation and proper protective equipment.  
Storage: Wash hands after handling.**Storage Precautions:**

Keep container closed tightly when not in use. Store away from strong oxidizers, extreme heat or open flames

**VIII. Exposure Controls/Personal Protection:**

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Aluminum (fume or dust)	5 mg/m3	5 mg/m3	Not Available
Copper	1 mg/m3	1 mg/m3	Not Available
Petroleum Oil	5 mg/m3	5 mg/m3	Not Available
Graphite (natural) dust	2.5 mg/m3	2.5 mg/m3	Not Available

**Engineering Controls:**

Use with adequate ventilation. If TLV is exceeded, wear NIOSH approved respirator.

**Personal Protective Equipment:**

For prolonged exposure wear protective safety glasses, gloves, and apron.

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## IX. Physical and Chemical Properties:

**Boiling Point:** N/A

**Boiling Range:** Not Available

**Solubility In Water:** Nil

**Flash Point:** >350F

**Odor Threshold:** Not Available

**Vapor Density (AIR = 1):** ND

**pH Range:** Not Available

**Decomposition Temp:** Not Available

**Lower Explosive Limit:** ND

**Specific Gravity (H2O = 1):** 1.20

**Other Information:** Percent volatile = 0%

Reactivity in water: None

VOC contents: 3.455 %

**Melting Point:** N/A

**Freezing Point:** Not Available

**Evaporation Rate (Butyl Acetate = 1):** N/A

**Flash Point Method:** C.O.C.

**Appearance and Odor:** Silver/Gray paste, grease like odor

**Vapor Pressure (mm Hg.):** N/A

**Partition Coefficient:** Not Available

**Auto-Ignition Temp:** Not Available

**Upper Explosive Limit:** ND

## X. Stability and Reactivity:

### Stability:

Stable

### Conditions to Avoid:

See Incompatible Materials below.

### Incompatible Materials:

Strong Oxidizing Agents, temperatures exceeding 550°F.

### Hazardous Decomposition Products:

Thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating

### Possibility of Hazardous Reactions:

Will not occur

## XI. Toxicological Information:

N/D

## XII. Ecological Information:

N/D

## XIII. Disposal Considerations:

DISPOSAL: This container may be recycled in a recycling centers when empty. Before offering for recycling, empty the can or bottle by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with all local, state government and federal laws and regulations

## XIV. Transport Information:

**Shipping Name:** Not Available

**DOT Hazard Class:** Not Available

**UN/NA#:** Not Available

### Transportation Information:

DOT Shipping Name: Not DOT regulated.

DOT Hazard Class: None

**DOT Subsidiary Hazard Class:** Not Available

**Packing Group:** Not Available

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### XV. Regulatory Information:

SARA 313 Reportable Chemicals.  
Copper (7440-50-8)  
Aluminum (7429-90-5)

USA TSCA: All components of this material are listed on the US TSCA Inventory.

State RTK Chemicals:  
Copper (7440-50-8)  
Aluminum (7429-90-5)

### XVI. Other Information:

- Chemical State:**  Liquid  Gas  Solid
- Chemical Type:**  Pure  Mixture
- Hazard Category:**
- Acute  Chronic  Fire  Pressure  Reactive



#### Additional Manufacturer Warnings:

This product could cause mechanical irritation if gotten into the eyes and rubbed.  
KEEP AWAY FROM CHILDREN AND ANIMALS!

N/E: Not Established  
N/D: Not Determined  
N/A: Not Applicable

#### Additional Product Information:

While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.

1	Health
1	Flammability
0	Physical Hazard
A	Pers. Protection