

**MSDS - Material Safety Data Sheet****Product Name: GUNK GEL CLEANER**

MSDS No.: GCGEL

**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 Poision Control Center**Emergency Telephone Number:** 303-623-5716**Emergency Restrictions:****Product Name:** GUNK GEL CLEANER**MSDS No.:** GCGEL**Issue Date:** 04/16/2009**Supersedes Date:** 08/23/2005**II. Hazards Identification:****EMERGENCY OVERVIEW**

Caution: Eye Irritant

**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:**

Absorption, Eye, Inhalation, and Ingestion.

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

See Signs and Symptoms below

**Signs and Symptoms:**

Eye Contact: May cause eye irritation.

Skin Contact: Prolonged contact may cause cause irritation.

Inhalation: Effect not known

Ingestion: May cause diarrhea, nausea, and cramps.

**Medical Conditions Generally Aggravated by Exposure:**

None Known

**Other Health Warnings:**

None Known

**Potential Environmental Effects**

Not Available

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

Chemical Name	CAS No.	% Range	Trade Secret
Dipropylene glycol methyl ether	34590-94-8	1.0 - 5.0	
EDTA	64-02-8	0.1 - 1.0	
Isopropanol	67-63-0	0.1 - 1.0	
Triethanolamine	102-71-6	0.1 - 1.0	

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

Eye Contact: Flush eyes with water for 15 minutes while lifting upper and lower eyelid. Get prompt medical attention.

Skin Contact: Wash with soap and water. If irritation persists, get prompt medical attention.

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

Ingestion: Drink water or milk. 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:**

Product is nonflammable. Use extinguishing media suitable for source of fire. Example: Water Fog, Foam, Carbon Dioxide, Dry Chemical

**Unsuitable Extinguishing Media:**

None

**Products of Combustion:**

Carbon monoxide and carbon dioxide

**Protection of Firefighters:**

Wear self-contained positive pressure breathing apparatus and protective clothes.

### 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.

**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. Where possible, vacuum spilled liquid to recover material.

**Other Information:**

Rinse water may be disposed of down a sanitary sewer system if authorized by the local municipality.

### VII. Handling and Storage:

**Handling Precautions:**

Do not spray into electrical connections or outlets. Use good hygiene, wash hands after use and before eating. Keep away from Children and Animals

**Storage Precautions:**

Store in cool dry area below 120°F, Keep container closed when not in use.

### VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Dipropylene glycol methyl ether	100 ppm	150 ppm	Not Available
EDTA	N/D	N/D	Not Available
Isopropanol	400 ppm	400 ppm	Not Available
Triethanolamine	N/E	5 mg/m3	Not Available

**Engineering Controls:**

See Section above for applicable exposure limits. Use with adequate ventilation. If TLV is exceeded, wear NIOSH approved respirator.

**Personal Protective Equipment:**

For prolonged exposure to the material, wear safety glasses, gloves, and apron. If exposed to vapor mist, wear approved respirator designed to remove particles of chemicals from the vapor mist.

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### IX. Physical and Chemical Properties:

**Boiling Point:** 212°F

**Boiling Range:** Not Available

**Solubility In Water:** Complete

**Flash Point:** N/A

**Odor Threshold:** Not Available

**Vapor Density (AIR = 1):** N/D

**pH Range:** 8 - 9

**Decomposition Temp:** Not Available

**Lower Explosive Limit:** N/A

**Specific Gravity (H2O = 1):** 1.01

**Other Information:** VOC Content: < 3.5%

**Melting Point:** N/A

**Freezing Point:** Not Available

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

**Flash Point Method:** N/A

**Appearance and Odor:** Clear colorless liquid with clean, floral fragrance

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

**Partition Coefficient:** Not Available

**Auto-Ignition Temp:** Not Available

**Upper Explosive Limit:** N/A

### X. Stability and Reactivity:

**Stability:**

Stable

**Conditions to Avoid:**

None known

**Incompatible Materials:**

None known

**Hazardous Decomposition Products:**

Carbon dioxide and carbon monoxide.

**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:  
None

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

State RTK Chemicals:  
Isopropyl Alcohol 67-63-0

**XVI. Other Information:**

**Chemical State:**     Liquid     Gas     Solid

**Chemical Type:**     Pure     Mixture

**Hazard Category:**

Acute             Chronic             Fire

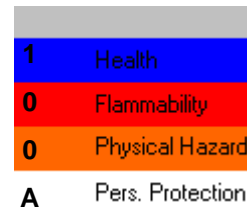
Pressure             Reactive



**Additional Manufacturer Warnings:**

Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye. KEEP AWAY FROM CHILDREN AND ANIMALS!

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



**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.