

MSDS - Material Safety Data Sheet**Product Name: BUG REMOVER WITH WAX**

MSDS No.: BUG33ES

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:** BUG REMOVER WITH WAX**MSDS No.:** BUG33ES**Issue Date:** 02/27/2009**Supersedes Date:** 10/29/2008**II. Hazards Identification:****EMERGENCY OVERVIEW**

CAUTION: Eye and Skin 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: Direct spray into eyes may be irritating.

Skin Contact: Prolonged contact may cause irritation due to defatting of skin.

Inhalation: High concentration of vapors may irritate nose and throat and cause headaches and nausea.

Ingestion: Can cause irritation, gastric disturbances, and nausea..

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	3.0 - 7.0	
Silicone Fluid	mixture	3.0 - 7.0	
Sodium hydroxide	1310-73-2	0.1 - 1.0	
Surfactant Blend	Proprietary	3.0 - 7.0	

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/D

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

Water Fog, Foam, Carbon Dioxide, Dry Chemical

Unsuitable Extinguishing Media:

This material is compatible with all extinguishing media

Products of Combustion:

Carbon Monoxide, 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:

Use appropriate protective equipment. 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 take internally. After handling product, always wash hand thoroughly with soap and water before eating and drinking.

Storage Precautions:

Do not expose to heat or store at temperatures above 120 F. Store above 55°F.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Silicone Fluid	Not Available	Not Available	Not Available
Dipropylene glycol methyl ether	100 ppm	150 ppm	Not Available
Surfactant Blend	5 mg/m3	5 mg/m3	Not Available
Sodium hydroxide	2 mg/m3	2 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 wear protective safety glasses, gloves, and apron.

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IX. Physical and Chemical Properties:**Boiling Point:** 212 F**Boiling Range:** Not Available**Solubility In Water:** Soluble**Flash Point:** None**Odor Threshold:** Not Available**Vapor Density (AIR = 1):** N/D**pH Range:** 6.0 - 8.0**Decomposition Temp:** Not Available**Lower Explosive Limit:** N/D**Specific Gravity (H2O = 1):** 1.01**Other Information:** VOC Content: < 5% (Wt)**Melting Point:** N/A**Freezing Point:** Not Available**Evaporation Rate (Butyl Acetate = 1):** < 1**Flash Point Method:** TCC**Appearance and Odor:** Green solution with mild odor.**Vapor Pressure (mm Hg.):** N/D**Partition Coefficient:** Not Available**Auto-Ignition Temp:** Not Available**Upper Explosive Limit:** N/D**X. Stability and Reactivity:****Stability:**

Stable

Conditions to Avoid:

See Incompatible Materials below.

Incompatible Materials:

Avoid contact with strong oxidizing agents

Hazardous Decomposition Products:

Carbon Monoxide, Carbon Dioxide

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 Subsidiary Hazard Class:** Not Available**Packing Group:** Not Available

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DOT Shipping Name: Not DOT Regulated.

DOT Hazard Class: Not DOT Regulated

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for international and air shipping purposes.

ICAO/IATA (US): Not regulated

International:

ICAO/IATA : Not regulated

IMDG: Not regulated

XV. Regulatory Information:

SARA 313 Reportable Chemicals:

None

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

State RTK Chemicals:

None:

XVI. Other Information:

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

Hazard Category:
 Acute Chronic Fire
 Pressure Reactive



Additional Manufacturer Warnings:

Avoid prolonged contact with eyes and skin. 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.

