

# MSDS - Material Safety Data Sheet

**Product Name: TAR & BUG REMOVER (LOW VOC AEROSOL)**

MSDS No.: TR1

## I. Basic Information:

**Manufacturer:** RADIATOR SPECIALTY COMPANY  
**Address:** P.O. BOX 159, 600 RADIATOR ROAD  
**City, ST Zip:** INDIAN TRAIL, NC 28079  
**Emergency Contact:** Rocky Mountain Poison Control Center  
**Emergency Telephone Number:** 303-623-5716  
**Contact:** Robert Geer  
**Information Telephone Number:** 704-666-3430



Last Update: 02/21/2003

**Chemical State:**  Liquid  Gas  Solid  
**Chemical Type:**  Pure  Mixture

|   |                  |
|---|------------------|
| 2 | Health           |
| 2 | Flammability     |
| 0 | Reactivity       |
| B | Pers. Protection |

## II. Ingredients:

Trade Secret

| CAS No.     | Chemical Name            | % Range | EHS |  | IARC  |     | SARA |             | OSHA PEL | ACGIH TLV   | Other Limits |
|-------------|--------------------------|---------|-----|--|-------|-----|------|-------------|----------|-------------|--------------|
|             |                          |         | NTP |  | SUB Z | 313 |      |             |          |             |              |
| 124389      | Carbon dioxide           | 1-3     |     |  |       |     |      |             |          | 5000 ppm    |              |
| 9016459     | Ethoxylated Nonyl Phenol | 1-5     |     |  |       |     |      | N/D         |          | N/D         |              |
| 64742-53-6  | Naphthenic Petroleum Oil | 40-60   |     |  |       |     |      | 5 mg/M3 (m) |          | 5 mg/M3 (m) |              |
| 6008206     | Petroleum Base Oil       | 35-55   |     |  |       |     |      | 100 ppm     |          | 100 ppm     |              |
| Proprietary | Sodium sulfonate         | <1      |     |  |       |     |      | N/E         |          | N/E         |              |

## III. Hazardous Identification:

Hazard Category:

Acute  Chronic  Fire  Pressure  Reactive

Hazardous Identification Information:

Danger: Flammable. Harmful or Fatal if Swallowed. Contents Under Pressure.

Level 3 Aerosol

## IV. First Aid Measures:

Route(s) of Entry:

Absorption, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

Signs and Symptoms:

Eye Contact: Irritant. Prolonged contact may cause conjunctivitis.  
 Skin Contact: Irritant. Defatting of tissue, dermatitis may occur.  
 Inhalation: Irritant to mucous membranes. Repeated exposure may cause narcosis..  
 Ingestion: HARMFUL OR FATAL IF SWALLOWED.

# MSDS - Material Safety Data Sheet

**Product Name: TAR & BUG REMOVER (LOW VOC AEROSOL)**

MSDS No: TR1

Medical Conditions Generally Aggravated by Exposure:

## 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 give oxygen and get prompt medical attention. If breathing stops, give artificial respiration and get prompt medical attention.

**Ingestion:** DO NOT INDUCE VOMITING! Call Poison Control Center, physician, or hospital emergency room immediately. Aspiration of vomitus into the lungs can cause pneumonia, which can be fatal.

## Other Health Warnings:

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

## V. Fire Fighting Measures:

Flash Point: 120°F

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

F.P. Method: TCC

Fire Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical

## Special Fire Fighting Procedures:

Wear self contained positive pressure breathing apparatus and protective clothes. Cool containers with a water fog. Do not use forced water stream as this could cause the fire to spread. Use shield to protect from rupturing and venting containers.

## Unusual Fire and Explosion:

Toxic fumes, gases or vapors may evolve on burning. Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back.

## VI. Accidental Release Measures:

### Steps to be Taken in Case Material is Released or Spilled:

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc). Using a non metallic scoop, place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid using an explosion proof vacuum to recover material. 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.

## VII. Handling and Storage:

### Precautions to be Taken:

Use with adequate ventilation and proper protective equipment.

Store in cool, well ventilated area below 120°F away from heat sources. Do not use near fire, sparks, or open flame. Exposure to temperatures above 120° may cause container to vent, rupture, or burst. Do not puncture or incinerate container.

### Other Precautions:

Avoid contact with eyes. Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits, use a NIOSH approved respirator to prevent over-exposure.