

MSDS - Material Safety Data Sheet**Product Name: OIL TREATMENT**

MSDS No.: M3115

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:** RMPDC (877-740-5015)**Emergency Telephone Number:** 303-623-5716**Emergency Restrictions:****Product Name:** OIL TREATMENT**MSDS No.:** M3115**Issue Date:** 10/14/2010**Supersedes Date:** 04/03/2009**II. Hazards Identification:****EMERGENCY OVERVIEW**

Danger: Harmful if swallowed, Eye Irritant.

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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

Absorption, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

See signs and symptoms below

Signs and Symptoms:

Eye Contact: Irritant. Prolonged contact may cause conjunctivitis.

Skin Contact: Prolonged contact with skin may cause defatting of tissue, dermatitis may occur.

Inhalation: Low hazard but could cause breathing problems.

Ingestion: May cause illness although it has a low order of acute oral 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 lung inflammation.

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Ethylene/Propylene Co-Polymer	9010-79-1	10.0 - 30.0	
Petroleum Oil	64742-65-0	60.0 - 100.0	
Zinc Compound	19210-06-1	< 5	

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

Eye Contact: Flush eyes with clean water for 15 minutes while lifting eyelids and 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:

Carbon dioxide, carbon monoxide, hydrogen sulfide and thio-mercapto compounds.

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. Run off to sewer may create fire 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. Where possible, vacuum spilled liquid to recover material.

Other Information:

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:**Handling Precautions:**

Use with adequate ventilation and proper protective equipment.

Storage Precautions:

Keep from contact with strong oxidizing agents and extreme heat in excess of 300 F. Keep container closed tightly when not in use.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Ethylene/Propylene Co-Polymer	N/E	N/E	Not Available
Zinc Compound	N/E	N/E	Not Available
Petroleum Oil	5 mg/m3	5 mg/m3	Not Available

Engineering Controls:

See Section above applicable exposure limits. Maintain adequate ventilation.

Avoid breathing vapors. In restricted areas, use approved chemical filters designed to remove vapor. In confined areas, use approved air line type respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above TLV limit

Personal Protective Equipment:

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

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IX. Physical and Chemical Properties:

Boiling Point: 575 F

Boiling Range: Not Available

Solubility In Water: Not soluble

Flash Point: 212°F

Odor Threshold: Not Available

Vapor Density (AIR = 1): N/A

pH Range: Not Available

Decomposition Temp: Not Available

Lower Explosive Limit: 0.9

Specific Gravity (H20 = 1): 0.86

Other Information: N/D

Melting Point: N/A

Freezing Point: Not Available

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

Flash Point Method: COC

Appearance and Odor: Clear yellow liquid with bland petroleum odor

Vapor Pressure (mm Hg.): < 0.1 @20C

Partition Coefficient: Not Available

Auto-Ignition Temp: Not Available

Upper Explosive Limit: 7.0

X. Stability and Reactivity:

Stability:

Stable,

Conditions to Avoid:

See Incompatible Materials listed below

Incompatible Materials:

avoid contact with strong oxidizing agents and temperatures in excess of 300 F

Hazardous Decomposition Products:

Carbon dioxide, carbon monoxide, hydrogen sulfide and thio-mercapto compounds.

Possibility of Hazardous Reactions:

Will not occur.

XI. Toxicological Information:

N/E

XII. Ecological Information:

N/E

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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SARA 313 Reportable Chemicals:
Zinc Compound (19210-06-1)

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

State RTK Chemicals:
Zinc Compounds (19210-06-1)

XVI. Other Information:

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

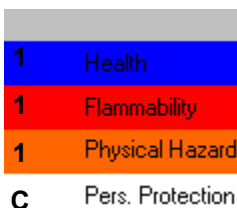
Hazard Category:

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.