

MSDS - Material Safety Data Sheet**Product Name: SUPER CONCENTRATED FUEL STABILIZER AND GAS TREATMENT**

MSDS No.: M5808

I. Basic Information:**Manufacturer:** RADIATOR SPECIALTY COMPANY**Contact:** Robert Geer**Address:** 600 RADIATOR ROAD**Information Telephone Number:** 704-684--181 1**City, ST Zip:** INDIAN TRAIL, NC 28079**Emergency Contact:** Rocky Mountain Poison Control Center**Country:****Emergency Telephone Number:** 303-623-5716**Emergency Restrictions:****Product Name:** SUPER CONCENTRATED FUEL STABILIZER AND GAS TREATMENT**MSDS No.:** M5808**Issue Date:** 08/04/2008**Supersedes Date:** 02/09/2004**II. Hazards Identification:****EMERGENCY OVERVIEW**

Danger: Combustible. Harmful or Fatal if Swallowed. Eye and Skin 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, Eye, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

May cause chronic health effects, See signs and symptoms below

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 and central nervous system effects such as visual impairment, difficulty breathing, and convulsions..

Ingestion: HARMFUL OR FATAL IF SWALLOWED. May cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain. May cause central nervous system depression..

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
Petroleum naphtha	64742-94-5	1.0 - 5.0	
1,2,4-Trimethylbenzene	95-63-6	1.0 - 5.0	
Aliphatic Hydrocarbon - Non Exempt.	8052-41-3	60.0 - 100.0	
Mesitylene	108-67-8	3.0 - 7.0	
Naphthalene	91-20-3	0.1 - 1.0	
Trimethyl benzene	25551-13-7	0.1 - 1.0	
Xylene (mixed isomers)	1330-20-7	Not Available	

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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.

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:

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

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 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 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.

Other Information:

If run-off occurs, notify proper authorities as required that a spill has occurred.

VII. Handling and Storage:

Handling Precautions:

Handling: Use with adequate ventilation and proper protective equipment. Wash thoroughly after handling.

Storage: Store in cool, dry area, away from oxidizing agents and sources of ignition. Keep containers closed when not in use.

Storage Precautions:

Contact lenses may cause further damage in case of splash into eye. KEEP AWAY FROM CHILDREN AND ANIMALS!

VIII. Exposure Controls/Personal Protection:

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Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Petroleum naphtha	N/E	N/E	100 ppm
Naphthalene	10 ppm	10 ppm	Not Available
Trimethyl benzene	25 ppm (TWA)	25 ppm (TWA)	Not Available
Aliphatic Hydrocarbon - Non Exempt.	100 ppm	100 ppm	Not Available
1,2,4-Trimethylbenzene	N/E	25 ppm	Not Available
Mesitylene	N/A	N/A	Not Available
Xylene (mixed isomers)	100 ppm	100 ppm	Not Available

Engineering Controls:

See above Section applicable exposure limits. Maintain adequate ventilation.

Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above TLV limits.

Personal Protective Equipment:

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

IX. Physical and Chemical Properties:

Boiling Point: >320°F

Boiling Range: Not Available

Solubility In Water: Slight

Flash Point: 140°F

Odor Threshold: Not Available

Vapor Density (AIR = 1): N/D

pH Range: Not Available

Decomposition Temp: Not Available

Lower Explosive Limit: N/D

Specific Gravity (H2O = 1): 0.79

Other Information: N/D

Melting Point: N/A

Freezing Point: Not Available

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

Flash Point Method: TCC

Appearance and Odor: Clear red liquid with petroleum 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:

Material is normally stable at moderately elevated temperatures and pressures.

Conditions to Avoid:

See Incompatible Materials below.

Incompatible Materials:

Strong oxidizing agents

Hazardous Decomposition Products:

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

Possibility of Hazardous Reactions:

Will not occur

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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**DOT Subsidiary Hazard Class:** Not Available**Packing Group:** Not Available**Transportation Information:**

DOT Shipping Name: Not DOT regulated.

DOT Hazard Class: None

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

ICAO/IATA (US)

Shipping Name: Petroleum Products, n.o.s. (Aliphatic hydrocarbon)

Class: 3

Packaging Group: III

UN number: 1268

International:

ICAO/IATA

UN Number: UN1268

Shipping Name: Petroleum products, n.o.s. (Aliphatic hydrocarbon)

Class: 3

Packaging Group: III

IMDG

UN Number: UN1268

Shipping Name: Petroleum products, N.O.S. (Aliphatic hydrocarbon)

Class: 3

Packaging Group: III

EMS: F-E, S-E

XV. Regulatory Information:

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SARA Reportable Chemicals:
 Mineral Spirits (8052-41-3)
 Naphthalene (91-20-3)
 Petroleum Naphtha (64742-94-5)
 1,2,4-Trimethylbenzene (95-63-6)
 Xylene (1330-20-7)

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

This fuel additive is registered in the United States

Warning: This product contains a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.

State RTK Chemicals:
 Mineral Spirits (8052-41-3)
 Xylene (1330-20-7)

XVI. Other Information:

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

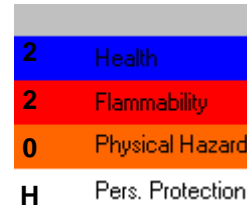
Hazard Category:
 Acute Chronic Fire
 Pressure Reactive



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.