

MSDS - Material Safety Data Sheet**Product Name: PARTS WASHER SOLVENT**

MSDS No.: SCS5

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:** PARTS WASHER SOLVENT**MSDS No.:** SCS5**Issue Date:** 02/17/2009**Supersedes Date:** 01/16/2008**II. Hazards Identification:****EMERGENCY OVERVIEW**

Harmful or Fatal if Swallowed. Eye and Skin Irritant. Combustible.

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):

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..

Ingestion: HARMFUL OR FATAL IF SWALLOWED.

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
1,2,4-Trimethylbenzene	95-63-6	1.0 - 5.0	
Aliphatic Hydrocarbon Solvent	8052-41-3	60.0 - 100.0	
Hydrocarbon Fluid	64742-47-8	7.0 - 13.0	
Mesitylene	108-67-8	3.0 - 7.0	
Surfactant Blend	Proprietary	1.0 - 5.0	
Tripropylene Glycol Monomethyl Ether	25498-49-1	0.1 - 1.0	

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

MSDS - Material Safety Data Sheet

Product Name: PARTS WASHER SOLVENT

MSDS No.: SCS5

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. Aspiration of vomitus into the lungs can cause pneumonitis, which can be fatal.

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:

High temperatures and ignition sources produce products of combustion: carbon monoxide, carbon dioxide & sulfur-like smoke.

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:

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:

Handling Precautions:

Handling: Use with adequate ventilation and proper protective equipment.

Do not use near fire, sparks, or flame. Store in cool, well ventilated area below 120°F away from heat sources and oxidizers.

Storage 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.

VIII. Exposure Controls/Personal Protection:

MSDS - Material Safety Data Sheet**Product Name: PARTS WASHER SOLVENT**

MSDS No.: SCS5

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Aliphatic Hydrocarbon Solvent	100 ppm	100 ppm	Not Available
1,2,4-Trimethylbenzene	N/E	25 ppm	Not Available
Mesitylene	N/A	N/A	Not Available
Hydrocarbon Fluid	5 mg/m3	5 mg/m3	Not Available
Tripropylene Glycol Monomethyl Ether	N/E	N/E	Not Available
Surfactant Blend	5 mg/m3	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 wear protective safety glasses, gloves, and apron.

IX. Physical and Chemical Properties:**Boiling Point:** >315°F**Boiling Range:** N/D**Solubility In Water:** Emulifies**Flash Point:** 108°F**Odor Threshold:** N/D**Vapor Density (AIR = 1):** N/D**pH Range:** N/A**Decomposition Temp:** N/D**Lower Explosive Limit:** N/E**Specific Gravity (H2O = 1):** 0.79**Other Information:** N/D**Melting Point:** N/A**Freezing Point:** N/D**Evaporation Rate (Butyl Acetate = 1):** N/D**Flash Point Method:** TCC**Appearance and Odor:** Clear amber to yellow liquid with petroleum odor**Vapor Pressure (mm Hg.):** N/D**Partition Coefficient:** N/D**Auto-Ignition Temp:** N/D**Upper Explosive Limit:** N/E**X. Stability and Reactivity:****Stability:**

Stable

Conditions to Avoid:

Avoid heat, sparks or flame. Keep away from heat. See Incompatible Materials below

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

High temperatures and ignition sources produce products of combustion: carbon monoxide, sulfur-like smoke.

Possibility of Hazardous Reactions:

Will not occur.

XI. Toxicological Information:

N/D

MSDS - Material Safety Data Sheet

Product Name: PARTS WASHER SOLVENT

MSDS No.: SCS5

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. (Mineral Spirits)

Class: 3

Packaging Group: III

UN number: UN1268

International:

UN number: 1268

Shipping Name: Petroleum Products, n.o.s. (Mineral Spirits)

Class: 3

Packaging Group: III

IMDG

UN number: 1268

Shipping Name: Petroleum Products, n.o.s. (Mineral Spirits)

Class: 3

Packaging Group: III

EmS:

XV. Regulatory Information:

SARA 313 Reportable Chemicals.

1,2,4-Trimethylbenzene 95-63-6

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

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

State RTK Chemicals:

Aliphatic Hydrocarbon 8052-41-3

1,2,4-Trimentylbenzene 95-63-6

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XVI. Other Information:

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

Hazard Category:

Acute Chronic Fire

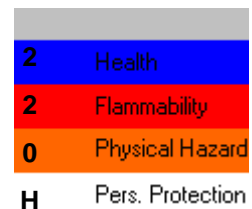
Pressure Reactive



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.