

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

MSDS No.: M506

**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 Poison and Drug Center**Emergency Telephone Number:** 303-623-5716**Emergency Restrictions:****Product Name:** WINDSHIELD WASHER SOLVENT**MSDS No.:** M506**Issue Date:** 06/29/2010**Supersedes Date:** 08/11/2008**II. Hazards Identification:****EMERGENCY OVERVIEW**

CAUTION: 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, Eye, Inhalation, and Ingestion.

**Health Hazards (Acute and Chronic):**

See signs and symptoms below

**Signs and Symptoms:**

Eye Contact: Direct spray of vapors may be irritating or harmful to eyes.

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
Ammonium hydroxide	1336-21-6	0.1 - 1.0	
EDTA	64-02-8	0.1 - 1.0	
Tripropylene Glycol Monomethyl Ether	25498-49-1	1.0 - 5.0	

**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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MSDS No.: M506

**Note to Physicians:**

N/D

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

Water Fog, Foam, Carbon Dioxide, Dry Chemical

**Unsuitable Extinguishing Media:**

None

**Products of Combustion:**

Carbon Monoxide, Carbon Dioxide

**Protection of Firefighters:**

Wear self-contained positive pressure breathing apparatus and protective clothes. Use shield to protect from rupturing and venting containers.

**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 non-metallic scoop, place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid to recover material. Neutralize remaining traces of material and flush with water followed by liberal covering with sodium bicarbonate.

**Other Information:**

Neutralize remaining traces of material and flush with water followed by liberal covering with sodium bicarbonate. All clean-up material should be removed and placed in approved containers for disposal. Rinse water may be disposed of down a sanitary sewer system if authorized by the local municipality.

**VII. Handling and Storage:****Handling Precautions:**

Use with adequate ventilation. Do not take internally. Do not expose to heat or store at temperatures above 120 F. Avoid contact with eyes and skin.

**Storage Precautions:**

Store in a cool dry area out of direct sunlight. Keep out of reach of children.

**VIII. Exposure Controls/Personal Protection:**

<u>Chemical Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>
Ammonium hydroxide	50 ppm (TWA)	25 ppm	Not Available
EDTA	N/D	N/D	Not Available
Tripropylene Glycol Monomethyl Ether	N/E	N/E	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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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 regulated.

DOT Hazard Class: Not Regulated

ICAO/IATA: Not Regulated

IMDG: Not Regulated

**XV. Regulatory Information:**

Sara 313 Chemicals:  
Ammonium hydroxide - 1336-21

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

State RTK Chemical:  
Ammonium hydroxide - 1336-21

**XVI. Other Information:**

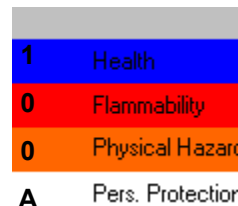
**Chemical State:**     Liquid     Gas     Solid  
**Chemical Type:**     Pure     Mixture  
**Hazard Category:**  
 Acute     Chronic     Fire  
 Pressure     Reactive



**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.