

MSDS - Material Safety Data Sheet**Product Name: NAPA MAC'S CARBURETOR CLEANER WITH DIPPING BASKET**

MSDS No.: 6402

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:** RMPDC (877-740-5015)**Country:****Emergency Telephone Number:** 303-623-5716**Emergency Restrictions:****Product Name:** NAPA MAC'S CARBURETOR CLEANER WITH DIPPING BASKET**MSDS No.:** 6402**Issue Date:** 06/26/2012**Supersedes Date:** 07/08/2010**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, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

See Signs and Symptoms

Signs and Symptoms:

Eye Contact: Irritant. Prolonged contact may cause conjunctivitis.

Skin Contact: Irritant. Defatting of tissue, dermatitis may occur.

Inhalation: Irritating to the respiratory tract. . 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 |
|---|------------|-------------|--------------|
| Petroleum naphtha | 64742-94-5 | 10.0 - 30.0 | |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1-5 | |
| 2-Butoxyethanol | 111-76-2 | 10.0 - 30.0 | |
| Diethanolamine | 111-42-2 | 0.1 - 1.0 | |
| Naphthalene | 91-20-3 | 1-5 | |
| Petroleum Distillate, Hydrotreated Middle | 64742-46-7 | 10.0 - 30.0 | |
| Sodium Glucohrptonate | 31138-65-5 | 0.1 - 1.0 | |
| Tall Oil Fatty Acid | 61790-12-3 | 5.0 - 10.0 | |
| Triethanolamine | 102-71-6 | 1-5 | |

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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 irritation persists, 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:

Products of combustion: carbon oxides, oxides of nitrogen, smoke. 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.

Protection of Firefighters:

Wear self-contained positive pressure breathing apparatus and protective clothes. Use shield to protect from rupturing and venting containers. At elevated temperatures containers may vent, rupture or burst, even violently

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. 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.

Do not use or store near fire, sparks, or open flame. Wash hands before handling food.

Storage Precautions:

Keep container closed tightly when not in use. CAUTION: Combustible.

Store in a cool place away from ignition sources and oxidizing agents.

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 |
| 2-Butoxyethanol | 25 ppm | 25 ppm | Not Available |
| Triethanolamine | N/E | 5 mg/m3 | Not Available |
| Naphthalene | 10 ppm | 10 ppm | Not Available |
| 1,2,4-Trimethylbenzene | N/E | 25 ppm | Not Available |
| Sodium Glucohrptonate | N/E | N/E | Not Available |
| Tall Oil Fatty Acid | N/E | 10 mg/m3 | Not Available |
| Petroleum Distillate, Hydrotreated Middle | 5 mg/m3 | 5 mg/m3 | Not Available |
| Diethanolamine | N/D | N/D | N/D |

Engineering Controls:

See Section above for applicable exposure limits. Maintain adequate ventilation.

Avoid breathing vapors. In restricted areas, use respirator with 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 goggles, gloves, and apron.

IX. Physical and Chemical Properties:**Boiling Point:** > 212 F**Boiling Range:** Not Available**Solubility In Water:** Emulsifies**Flash Point:** 146° 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):** 0.92**Other Information:** VOC Contents: <45% (Wt)**Melting Point:** N/A**Freezing Point:** Not Available**Evaporation Rate (Butyl Acetate = 1):** N/D**Flash Point Method:** TCC**Appearance and Odor:** Clean amber color liquid, aromatic solvent odor.**Vapor Pressure (mm Hg.):** < 1.0 mm Hg @ 20°C**Partition Coefficient:** Not Available**Auto-Ignition Temp:** Not Available**Upper Explosive Limit:** N/D**X. Stability and Reactivity:****Stability:**

Stable

Conditions to Avoid:

Avoid temperature above 120°F.

Incompatible Materials:

Strong oxidizing agents

Hazardous Decomposition Products:

Products of combustion: carbon oxides, oxides of nitrogen, smoke

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: DOT (Ground): Not Regulated

DOT Hazard Class: Not Regula

DOT Subsidiary Hazard Class: Not Available

UN/NA#: 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.

XV. Regulatory Information:

SARA 313 Reportable Chemicals:

Petroleum Naphtha (64742-94-5)

2-Butoxyethanol (111-76-2)

1,2,4 Trimethyl benzene (95-63-6)

Naphthalene (91-20-3)

Diethanolamine (111-42-2)

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

Warning: This product contains chemicals known to the State of California to cause cancer.

State RTK Chemicals

1,2,4 Trimethyl benzene (95-63-6)

Naphthalene (91-20-3)

Diethanolamine (111-42-2)

XVI. Other Information:Chemical State: Liquid Gas SolidChemical Type: Pure Mixture

Hazard Category:

Acute Chronic Fire Pressure Reactive



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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.

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|---|------------------|
| | |
| 2 | Health |
| 2 | Flammability |
| 0 | Physical Hazard |
| C | Pers. Protection |