# MATERIAL SAFETY DATA SHEET

**Radiator Specialty Company**

**1900 WILKINSON BLVD. CHARLOTTE, NC 28208 (704) 377-6555**

**POISON INFORMATION & EMERGENCY: 303-623-5716**

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## MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

## SECTION I GENERAL INFORMATION

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>VALVE-MEDIC®</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NUMBER</td>
<td>M37 -12</td>
</tr>
</tbody>
</table>

**NOTE:** Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

## SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>WT%</th>
<th>C.A.S. NO.</th>
<th>TLV (ACGIH-OSHA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic Petroleum Distillate</td>
<td>85-91</td>
<td>68476-34-6</td>
<td>100 ppm (Air)*</td>
</tr>
<tr>
<td>Naphthenic Petroleum Oil Mixture</td>
<td>9-10</td>
<td>64742-53-6/64742-52-5</td>
<td>5 mg/m³ (Mist)</td>
</tr>
</tbody>
</table>

**Comments:** Components not identified are non-hazardous according to 29 CFR 1910.1200

## SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

- **Specific Gravity (H₂O=1):** 0.863
- **pH:** N/A
- **Solubility in Water:** Insoluble
- **Flash Point (Method) - F⁰:** Greater than 140⁰F. (TCC)
- **Melting Point - F⁰:** N/A
- **Vapor Pressure (mmHg):** N/A
- **Evaporation Rate (Butyl Acetate=1):** N/A
- **Appearance and Odor:** Black oily Suspension with petroleum odor.

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

**EXTINGUISHING MEDIA:** Caution: COMBUSTIBLE!

- Water Fog: Foam
- CO₂: XX
- Dry Chemical: XX

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained, positive pressure breathing apparatus and protective clothes.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known
SECTION V REACTIVITY DATA

<table>
<thead>
<tr>
<th>Stable</th>
<th>Unstable</th>
<th>Corrosive</th>
<th>NO</th>
<th>Hazardous Polymerization?</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX</td>
<td></td>
<td></td>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>

Incompatibilities
Avoid open flames or sparks, oxidizing agents, and acids.

Hazardous Decomposition or Byproducts
Fire: Normal products of combustion; carbon carbon monoxide and acrid smoke

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product
100 ppm (Air) Aliphatic Petroleum Distillate *

EYE CONTACT
Severe irritant

SKIN CONTACT
Defatting, irritation on prolonged exposure

INHALATION
Excessive inhalation may cause dizziness, nausea, headache, nasal and respiratory irritation

INGESTION
HARMFUL OR FATAL IF SWALLOWED!
Can cause diarrhea, stomach upset

OTHER
If aspirated into lungs can cause lung irritation.

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT
Flush with water for 15 minutes thoroughly while lifting eyelids and get prompt medical attention

SKIN CONTACT
Wash with soap and water thoroughly. If irritation persists, get prompt medical attention. Remove contaminated clothing and launder before re-use.

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.

SECTION VIII SPECIAL PROTECTION INFORMATION

<table>
<thead>
<tr>
<th>CONSUMER</th>
<th>BULK HANDLING (Prolonged Exposure)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY PROTECTION</td>
<td>N/A</td>
</tr>
<tr>
<td>VENTILATION</td>
<td>Use with adequate ventilation.</td>
</tr>
<tr>
<td>EYE PROTECTION</td>
<td>N/A</td>
</tr>
<tr>
<td>PROTECTIVE CLOTHING</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE
Observing health hazards described above, remove ignition sources, ventilate area, wipe up with rags or dry absorbent. Transfer to waste drum.

WASTE DISPOSAL METHOD
Dispose of in accordance with all applicable government laws and regulations.

STORAGE AND HANDLING PRECAUTIONS
Store in a cool place below 120°F. Away from acids, ignition sources and oxidizing agents.

OTHER PRECAUTIONS
WEARING CONTACT LENSES IS INADVISABLE WHILE USING THIS PRODUCT! KEEP AWAY FROM CHILDREN AND ANIMALS! RESPECT ALL CHEMICALS!
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