MATERIAL SAFETY DATA SHEET
Radiator Specialty Company
1400 W. INDEPENDENCE BLVD. • CHARLOTTE, N.C. 28208 • 704-377-6555

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

PRODUCT NAME: COLD SHOT REFRIGERANT 12 (AEROSOL)
PARTS NUMBER: MB-14, -14K, -30

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)</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dichlorodifluoromethane</td>
<td>100</td>
<td>75-71-8</td>
<td>1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

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

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Specific Gravity (H2O = 1)</th>
<th>1.31</th>
<th>pH</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
<td>Solubility in Solvent</td>
<td>Hydrocarbons, Ether</td>
</tr>
<tr>
<td>Flash Point (Method) - F°</td>
<td>None</td>
<td>% Volatiles By Wt: Greater Than 99</td>
<td>8</td>
</tr>
<tr>
<td>Melting Point - F°</td>
<td>N/A</td>
<td>Boiling Point - F°</td>
<td>-21.8</td>
</tr>
<tr>
<td>Vapor Pressure (mmHg)</td>
<td>N/A</td>
<td>Vapor Density (Air = 1)</td>
<td>greater than 1</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Pale liquid with Ethereal odor.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Caution: CONTENTS UNDER PRESSURE!!!
Water Fog Foam CO2 Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained, positive pressure breathing apparatus and protective clothes. Water spray to cool cans. Shield to protect from venting, rupture, or bursting cans.

UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures containers may vent, rupture, or burst, even violently.
SECTION V  REACTIVITY DATA

Stable _____ Unstable _____ Corrosive _____ NO Hazardous Polymerization? Yes ____ No ____

Incompatibilities Alkaline materials, Finely divided metals, oxidizing agents.

Hazardous Decomposition or Byproducts Fire: Smoke, carbon dioxide, carbon monoxide, and HYDROGEN CHLORIDE, HYDROGEN FLUORIDE, PHOSGENE, SULFUR OXIDES, and ALDEHYDE gases.

SECTION VI  HEALTH HAZARD INFORMATION

Recommended TLV of Product 1000ppm Dichlorodifluoromethane

EYE CONTACT Irritant. Avoid contact. Prolonged contact may freeze tissue.
SKIN CONTACT Irritant. Avoid contact. Prolonged contact may freeze tissue.
INHALATION Avoid prolonged breathing of vapor. DEATH CAN OCCUR WITHOUT WARNING!!!
INGESTION Not likely, pressure release causes volatilization, contact may freeze tissue
OTHER Caution: CONTENTS UNDER PRESSURE!!! Deliberate inhalation of contents of this can be extremely dangerous.

SECTION VII  EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT Flush thoroughly with water while lifting the eyelids. Get medical attention.
SKIN CONTACT Slowly wash with warm tepid soapy water. If adverse effects persist get medical attention immediately.
INHALATION Remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. DO NOT GIVE ANY STIMULANTS!!!
INGESTION HARMFUL OR FATAL IF SWALLOWED!!! Not likely, liquid becomes volatilized when pressure is released. DO NOT ADMINISTER ADRENALIN OR OTHER STIMULANTS!

SECTION VIII  SPECIAL PROTECTION INFORMATION

<table>
<thead>
<tr>
<th>CONSUMER</th>
<th>BULK HANDLING (Prolonged Exposure)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY PROTECTION N/A</td>
<td>If TLV is exceeded, wear NIOSH approved respirator.</td>
</tr>
<tr>
<td>VENTILATION Use with adequate ventilation.</td>
<td>General. Local if TLV is exceeded.</td>
</tr>
<tr>
<td>EYE PROTECTION N/A</td>
<td>Goggles or face shield.</td>
</tr>
<tr>
<td>PROTECTIVE CLOTHING N/A</td>
<td>Cloth-lined chemically-resistant gloves and apron.</td>
</tr>
</tbody>
</table>

SECTION IX  PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE Observing health hazards described above, ventilate area, remove ignition sources. Contain spill, allow to evaporate, absorb and transfer to waste drum.

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

STOREAGE AND HANDLING PRECAUTIONS Store in cool place away from alcalies, oxidizing agents, powdered metals and ignition sources.

OTHER PRECAUTIONS WEARING CONTACT LENSES IS INADVISABLE!!! DO NOT INCINERATE OR PUNCTURE CONTAINERS!!! KEEP AWAY FROM CHILDREN AND ANIMALS!!!

Supersedes August, 1989 OSHA Revised January, 1990

Title I. Liebman/Technical Director

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 your information, investigation, and verification.

HAZARD INFORMATION LABEL DATA

HAZARD CODE FLAMMABILITY
4=Extreme
3=High
2=Moderate
1=Small
0=Negligible

REACTIVITY

PRESSURE SPECIAL

Pr - Pressure
*Powdered Metals