MATERIAL SAFETY DATA SHEET
(In compliance with OSHA Communication Standard 09 CPR 1910.1200 Dept. of Labor)

Section I  Product Identification
Product Name: CHOICE R-421A
Chemical Name: Compound: Pentafluoroethane & 1,1,1,2-tetrafluoroethane (58/42)%
Chemical Family: Refrigerant Gas for Air Conditioning and Refrigeration Systems
Contact: RMS of Georgia, LLC
Address: 610 McFarland 400 Drive, Alpharetta, GA 30004
Telephone #: 1-800-347-5872   Fax #: 770-777-0599
Emergency #: Chem Trac 1-800-424-9300

Section II  Hazardous Ingredients/ Identity Information
Hazardous Components:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV (PPM V/V)</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>R134a 1,1,1,2-tetrafluoroethane</td>
<td>1000</td>
<td>not listed</td>
</tr>
<tr>
<td>R125 Pentafluoroethane</td>
<td>1000</td>
<td>not listed</td>
</tr>
</tbody>
</table>

Section III  Physical/ Chemical

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>-40.4°F</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>nil</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>136.5 psig at 70°F</td>
</tr>
<tr>
<td>Specific gravity (H₂O=1)</td>
<td>Melting point...gas</td>
</tr>
<tr>
<td>Appearance/ Odor</td>
<td>Clear</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Description</td>
<td>A blend of R125 and R134a with a proprietary lubricant</td>
</tr>
</tbody>
</table>

Section IV  Health Hazard Data

If in Eyes: Avoid eye contact. Direct contact with liquefied/ pressurized gas or frost particles may cause frostbite and possibly severe and permanent eye damage.

If on Skin: Avoid direct skin contact. Direct contact with liquefied/pressurized gas or frost particles may cause severe burns or frostbite (“cold” burns).

If Inhaled: Avoid inhalation of high concentrations of gas. Acute overexposure may result in irritation of the throat and lungs. High concentrations in confined areas can displace oxygen and can cause dizziness, unconsciousness, and even death with longer exposure. Long-term exposure to this product may cause symptoms of drowsiness, dullness, numbness, headache, dizziness, and nausea and increase heart rate.

Ingestion: Not applicable by this route of exposure. This product is regarded as having a low order of toxicity. Health Effects Data: Inhalation of this product at high concentrations is capable of producing damage to the central nervous system, cardiovascular system, respiratory system, and skin; however, the heart appears to be the most sensitive organ. This is not carcinogenic, mutagenic, a skin sensitizer, or a reproductive toxin according to the OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200).

Section V  Fire & Explosion Hazard Data
Flash Point: Non-Flammable - - Flammable Limits LEL: N/A   UEL: N/A
Extinguishing Media: Extinguishing Media is generally not necessary. This material is nonflammable.
Special Fire Fighting Procedures: Use water to keep fire-exposed containers cool and to protect personnel during shutoff. If possible, stop the flow of gas or vapor, then fight fire according to types of burning material. If flow cannot be safely shut off, allow fire to burn itself out. Cool cylinders with water spray until well after fire is out. Upon exposure to intense heat or flame, container may vent rapidly or explode.
Unusual Fire and Explosion Hazards: Gas vapors can collect and remain in low spots even after the source of gas has been eliminated. Contact with certain reactive metals may result in formation of explosive or exothermic reactions under specific conditions (e.g. very high temperatures and/or appropriate pressures). Caution: Contents are under pressure and can explode when exposed to heat or flames.

Section VI  Reactivity Data
Stability: Stable
Incompatibility (Materials To Avoid): Finely divided metals, magnesium and alloys containing more than 2% magnesium. Can react violently in the presence of alkali or alkali metals such as sodium, potassium or barium.

Hazardous Polymerization: NONE

Hazardous Decomposition Products: CO, CO₂, Hydrogen chloride gas, hydrofluoric acid fumes, halogen acids.

Section VII  Emergency/ First Aid Procedures:
If in Eyes: Flush with water. (At least 15 minutes) Get medical attention if irritation persists.
If on Skin: If skin is exposed to liquified/ pressurized gas or frost particles, soak with warm water. If frostbite occurs, do not put frozen area into hot water or place in front of a heat source.
If Swallowed: Seek medical help. Do not induce vomiting.
If Inhaled: Remove person to fresh air. Seek medical help if irritation persists. If chronically abused and breathing stops, give artificial respiration.

Section VIII  Precautions For Safe Handling And Use
If Material is Released Or Spilled: Evacuate all personnel from effected area. Use appropriate protective equipment. If leak is in user’s equipment, be certain to purge piping with an inert gas prior to attempting repairs.

Waste Disposal Method: Dispose of according to local and state laws. Wrap in newspaper and dispose of in trash.

Discarded product is not a hazardous waste under RCR, 40 CFR 261. This material is not specifically listed as hazardous waste but can be classified as hazardous waste if contaminated with other hazardous materials.

Section IX  Special Handling/ Precautions
Storage: Never expose cylinders to excessive heat. Cylinders should be stored in a well-ventilated area. Storage should not exceed 50°C or 130°F and should be free of oxidizers or corrosive materials.

Handling: Do not drag, roll, or slide cylinders: Secure cylinder at all times. Use separate control valves or pressure reducing regulators to safely discharge rate.

Compressed gas cylinders must not be filled by the owner or with the owner’s consent. This is a violation of federal law.

Section X  Special Protection Data/ Control Measures
Respiratory: None for proper use. Maintain adequate ventilation. Preferably, use outdoors.

Eyes: Safety glasses are needed.

Gloves: Use butyl or neoprene rubber gloves for prolonged contact.

Other Equipment: Safety Shoes

Section XI  Special Precautions
The information contained herein is considered accurate. However no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the user, thereof.

The vendor assumes no responsibility for injury, or damage resulting from the inappropriate use of this product.

California SARA Information- Full Disclosure Data.
This product contains no known or suspected carcinogens, pathogens or mutagens. The product contains 0% volatile organic chemicals. Contents: R125 Refrigerant, 134a Refrigerant and a Synethic Lubricant

Section XII  Transportation Information
DOT Shipping Information: Proper Shipping Name- Refrigerant Gases, n.o.s., (1,1,1,2-tetrafluoroethane & Pentafluoroethane) 2.2 UN1078
Shipping Label/ Placard Non-Flammable Gas- Hazard Class 2.2

NFPA Rating  0 = lowest, 4 = highest

Health 0
Flammability 0
Reactivity 1
Special 1

This product safety data sheet is offered solely for your information, consideration and investigation.
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