1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Aircraft Non-Methylene Chloride Paint Remover
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Web site address: www.wmbarr.com
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892

Product Category: Home Improvement
Intended Use: Paint remover

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 2
Skin Corrosion/Irritation, Category 1B
Serious Eye Damage/Eye Irritation, Category 1
Carcinogenicity, Category 2
Specific Target Organ Toxicity (single exposure), Category 3

GHS Signal Word: Danger
GHS Hazard Phrases:
- Highly flammable liquid and vapor.
- Causes severe skin burns and eye damage.
- Causes serious eye damage.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- Suspected of causing cancer.

GHS Precautionary Phrases:
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/.../ equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Avoid breathing gas/mist/vapors/spray.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Keep cool.

GHS Response Phrases:
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
SAFETY DATA SHEET
Aircraft Non-Methylene Chloride Paint Remover

GHS Storage and Disposal Phrases:
- Store container tightly closed in well-ventilated place.
- Store locked up.
- Dispose of contents/container according to local, state and federal regulations.

OSHA Regulatory Status:
- This material is classified as hazardous under OSHA regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>30.0 -60.0 %</td>
</tr>
<tr>
<td>109-99-9</td>
<td>Tetrahydrofuran (THF; Diethylene oxide; 1,4-Epoxybutane)</td>
<td>30.0 -60.0 %</td>
</tr>
<tr>
<td>1336-21-6</td>
<td>Ammonium hydroxide (Ammonia aqua; Ammonium liquor)</td>
<td>1.0 -5.0 %</td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)</td>
<td>0.5 -1.5 %</td>
</tr>
<tr>
<td>929-06-6</td>
<td>2-(2-Aminoethoxy) ethanol</td>
<td>0.1 -1.0 %</td>
</tr>
</tbody>
</table>

Additional Chemical Information:
Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:
- In Case of Inhalation: If inhaled, remove to fresh air.
- In Case of Skin Contact: Immediately flush skin with plenty of water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash clothing before reuse.
- In Case of Eye Contact: Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Get medical attention.
- In Case of Ingestion: If swallowed, do not induce vomiting unless directed to do so by medical personnel.

5. FIRE FIGHTING MEASURES

Flash Pt: -17.8 C (0.00 F)  Method Used: Setaflash Closed Cup (Rapid Setaflash)
Explosive Limits:
- LEL: N.D.
- UEL: N.D.
Autoignition Pt: N.D.
Suitable Extinguishing Media:
Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
Fire Fighting Instructions:
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.
Flammable Properties and Hazards:
Vapor may travel considerable distance to source of ignition and flash back.
Hazardous Combustion Products:
Carbon oxides, nitrogen oxides.
6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:
Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:
Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. A source of clean water should be kept in the immediate work area for flushing of the eyes and skin.

Precautions To Be Taken in Storing:
Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Chemical Name</th>
<th>Jurisdiction</th>
<th>Recommended Exposure Limits</th>
<th>Notations</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>ACGIH TLV</td>
<td>TLV: 500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PELs</td>
<td>PEL: 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>109-99-9</td>
<td>Tetrahydrofuran (THF; Diethylene oxide, 1,4-Epoxybutane)</td>
<td>ACGIH TLV</td>
<td>TLV: 50 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PELs</td>
<td>PEL: 200 ppm</td>
<td></td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)</td>
<td>ACGIH TLV</td>
<td>TLV: 200 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

Respiratory Equipment (Specify Type):
When used by the consumer following directions for use and with adequate ventilation, respiratory protection should not be needed.

Eye Protection:
Eye protection recommended.

Protective Gloves:
Wear appropriate gloves to prevent skin exposure.

Other Protective Clothing:
Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.):
When used under normal cleaning conditions and as directed, skin protection is generally not required, Individuals with sensitive skin and individuals with repeated or prolonged skin contact with product should wear impermeable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [ ] Gas [ X ] Liquid [ ] Solid

pH: N.D.
Melting Point: N.D.
Boiling Point: N.D.
Flash Pt: -17.8 C (0.00 F) Method Used: Setaflash Closed Cup (Rapid Setaflash)
Evaporation Rate: > 1 (BuAC=1)
Flammability (solid, gas): EXTREMELY FLAMMABLE.
Explosive Limits: LEL: N.D. UEL: N.D.
Vapor Pressure (vs. Air or mm Hg): N.D.
Vapor Density (vs. Air = 1): N.D.

Licensed to W.M. Barr and Company
Specific Gravity (Water = 1): 0.8415  
Density: 7.001 LB/GL  
Bulk density: N.D.  
Solubility in Water: See note  
Solubility Notes: Limited.  
Octanol/Water Partition Coefficient: N.D.  
Percent Volatile: 95.99 % by weight.  
VOC / Volume: 36.0000 % WT  
Autoignition Pt: N.D.  
Decomposition Temperature: N.D.  
Viscosity: 96 KU  
Particle Size: N.D.  
Heat Value: N.D.

10. STABILITY AND REACTIVITY

Stability: Unstable [ ] Stable [ X ]
Conditions To Avoid - Instability: **None known.
Incompatibility - Materials To Avoid: **None known.
Hazardous Decomposition or Byproducts: No data available.
Possibility of Hazardous Reactions: Will occur [ ] Will not occur [ X ]
Conditions To Avoid - Hazardous Reactions: **None known.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole. Information below will be for individual ingredients. Refer to section 2 for acute and chronic health effects.

CAS# 67-64-1:
Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, Severe.
Result:
Behavioral: Change in motor activity (specific assay).
Behavioral: Alteration of classical conditioning.

CAS# 109-99-9:
Other Studies:, TDLo, Oral, Rat, 26280. mg/kg.
Result:
Liver: Tumors.
Kidney, Ureter, Bladder: Kidney tumors.

CAS# 68439-46-3:
Acute toxicity, LD50, Oral, Rat, 1378. MG/KG.
Result:
Behavioral: Somnolence (general depressed activity).
Behavioral: Ataxia.
Gastrointestinal: Hypermotility, diarrhea.

### Carcinogenicity/Other Information:
ACGIH A4 - Not Classifiable as a Human Carcinogen.

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>A4</td>
<td>n.a.</td>
</tr>
<tr>
<td>109-99-9</td>
<td>Tetrahydrofuran (THF; Diethylene oxide; 1,4-Epoxybutane)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>1336-21-6</td>
<td>Ammonium hydroxide (Ammonia aqua; Ammonium liquor)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>929-06-6</td>
<td>2-(2-Aminoethoxy) ethanol</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION
General Ecological Information: This product has not been tested as a whole.

### 13. DISPOSAL CONSIDERATIONS
Waste Disposal Method: Dispose in accordance with applicable local, state, and federal regulations.

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**
- **DOT Proper Shipping Name:** Paint related material, flammable, corrosive.
- **DOT Hazard Class:** 3 (8) FLAMMABLE LIQUID, CORROSIVE
- **UN/NA Number:** UN3469 Packing Group: II

**LAND TRANSPORT (Canadian TDG):**
- **TDG Shipping Name:** Paint related material, flammable, corrosive.
- **UN Number:** 3469 Packing Group: II
- **Hazard Class:** 3 (8) - FLAMMABLE LIQUID, CORROSIVE

**Additional Transport Information:** The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.
15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>No</td>
<td>Yes 5000 LB</td>
<td>No</td>
</tr>
<tr>
<td>109-99-9</td>
<td>Tetrahydrofuran (THF; Diethylene oxide; 1,4-Epoxybutane)</td>
<td>No</td>
<td>Yes 1000 LB</td>
<td>No</td>
</tr>
<tr>
<td>1336-21-6</td>
<td>Ammonium hydroxide (Ammonia aqua; Ammonium liquor)</td>
<td>No</td>
<td>Yes 1000 LB</td>
<td>No</td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>929-06-6</td>
<td>2-(2-Aminoethoxy) ethanol</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Canadian NPRI, Canadian Toxic, Canadian DSL

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Canadian NPRI</th>
<th>Canadian Toxic</th>
<th>Canadian DSL</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>109-99-9</td>
<td>Tetrahydrofuran (THF; Diethylene oxide; 1,4-Epoxybutane)</td>
<td>Yes: Part 5</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>1336-21-6</td>
<td>Ammonium hydroxide (Ammonia aqua; Ammonium liquor)</td>
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<td>Yes</td>
</tr>
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<td>Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)</td>
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<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>929-06-6</td>
<td>2-(2-Aminoethoxy) ethanol</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Other US EPA or State Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Other US EPA or State Lists</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>TSCA: Inventory</td>
</tr>
<tr>
<td>109-99-9</td>
<td>Tetrahydrofuran (THF; Diethylene oxide; 1,4-Epoxybutane)</td>
<td>TSCA: Inventory, 8A PAIR</td>
</tr>
<tr>
<td>1336-21-6</td>
<td>Ammonium hydroxide (Ammonia aqua; Ammonium liquor)</td>
<td>TSCA: Inventory</td>
</tr>
<tr>
<td>68439-46-3</td>
<td>Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)</td>
<td>TSCA: Inventory</td>
</tr>
<tr>
<td>929-06-6</td>
<td>2-(2-Aminoethoxy) ethanol</td>
<td>TSCA: Inventory, 8A, 8A PAIR</td>
</tr>
</tbody>
</table>

Additional Regulatory Information

This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

16. OTHER INFORMATION

Revision Date: 09/30/2019
Preparer Name: W.M. Barr EHS Dept (901)775-0100
Additional Information About This Product: N.D.: Not determined.

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.