

# SAFETY DATA SHEET

## Aircraft Non-Methylene Chloride Paint Remover

Revision: 09/30/2019

Supersedes Revision: 09/12/2019

This SDS complies with the Canadian Hazardous Products Regulations of 2015.

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	Aircraft Non-Methylene Chloride Paint Remover	
<b>Company Name:</b>	W. M. Barr 2105 Channel Avenue Memphis, TN 38113	<b>Phone Number:</b> (901)775-0100
<b>Web site address:</b>	www.wmbarr.com	
<b>Emergency Contact:</b>	3E 24 Hour Emergency Contact	(800)451-8346
<b>Information:</b>	W.M. Barr Customer Service	(800)398-3892
<b>Product Category:</b>	Home Improvement	
<b>Intended Use:</b>	Paint remover	
<b>Product Code:</b>	GAR2000, QAR2000, GAR2000CN, QAR2000N	

### 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.

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IF exposed or concerned: Get medical attention/advice.  
 Immediately call a POISON CENTER or doctor/physician.  
 Specific treatment see label.  
 Wash contaminated clothing before reuse.  
 In case of fire, use dry chemical powder to extinguish.

**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

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

**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:** 1B  
 -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.

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## 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

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
67-64-1	Acetone {2-Propanone}	ACGIH TLV	TLV: 500 ppm STEL: 750 ppm	
		OSHA PELs	PEL: 1000 ppm	
109-99-9	Tetrahydrofuran {THF; Diethylene oxide; 1,4-Epoxybutane}	ACGIH TLV	TLV: 50 ppm STEL: 100 ppm	
		OSHA PELs	PEL: 200 ppm	
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	ACGIH TLV	TLV: 200 mg/m3	

**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

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Yellowish. orange. ammonia-like. Odor threshold not determined.
<b>pH:</b>	N.D.
<b>Melting Point:</b>	N.D.
<b>Boiling Point:</b>	N.D.
<b>Flash Pt:</b>	-17.8 C (0.00 F) Method Used: Setaflash Closed Cup (Rapid Setaflash)
<b>Evaporation Rate:</b>	> 1 (BuAC=1)
<b>Flammability (solid, gas):</b>	EXTREMELY FLAMMABLE.
<b>Explosive Limits:</b>	LEL: N.D. UEL: N.D.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	N.D.
<b>Vapor Density (vs. Air = 1):</b>	N.D.

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

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Unstable [ <input type="checkbox"/> ]    Stable [ <input checked="" type="checkbox"/> ]
<b>Conditions To Avoid - Instability:</b>	**None known.
<b>Incompatibility - Materials To Avoid:</b>	**None known.
<b>Hazardous Decomposition or Byproducts:</b>	No data available.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ <input type="checkbox"/> ]    Will not occur [ <input checked="" type="checkbox"/> ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	**None known.

### 11. TOXICOLOGICAL INFORMATION

<b>Toxicological Information:</b>	<p>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.</p> <p>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. - American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946</p> <p>CAS# 109-99-9: Other Studies:, TDLo, Oral, Rat, 26280. mg/kg. Result: Liver: Tumors. Kidney, Ureter, Bladder: Kidney tumors. - Toxicologist., Soc. of Toxicology, Inc., 475 Wolf Ledge Parkway, Akron, OH 44311, Vol/p/yr: 60,286, 2001</p> <p>CAS# 68439-46-3: Acute toxicity, LD50, Oral, Rat, 1378. MG/KG.</p>
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Result:  
 Behavioral: Somnolence (general depressed activity).  
 Behavioral: Ataxia.  
 Gastrointestinal: Hypermotility, diarrhea.  
 - Journal of the American College of Toxicology., Mary Ann Liebert, Inc., New York, NY,  
 Vol/p/yr: 10(4),427, 1991

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

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

## 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, **TDG Classification:** 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.

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## 15. REGULATORY INFORMATION

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

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

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
67-64-1	Acetone {2-Propanone}	No	No	Yes
109-99-9	Tetrahydrofuran {THF; Diethylene oxide; 1,4-Epoxybutane}	Yes: Part 5	No	Yes
1336-21-6	Ammonium hydroxide {Ammonia aqua; Ammonium liquor}	No	No	Yes
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	No	No	Yes
929-06-6	2-(2-Aminoethoxy) ethanol			Yes

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

## 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.

## Company Policy or Disclaimer:

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.