

Aircraft Non-Methylene Chloride Paint Remover

Revision: 04/07/2021

Supersedes Revision: 03/31/2021

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

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	
Product Code:	GAR2000, GAR2000CN, QAR2000, QAR2000CN	

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

Specific Target Organ Toxicity (repeated exposure), Category 1

**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 drowsiness or dizziness.
 Suspected of causing cancer .
 Causes damage to organs - Eyes: through prolonged or repeated exposure.

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.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash hands thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.

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.
 IF exposed or concerned: Get medical attention/advice.
 Immediately call a POISON CENTER or doctor/physician.

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	Get medical attention/advice if you feel unwell. Specific treatment see ... on this label. Wash contaminated clothing before reuse.
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
109-99-9	Tetrahydrofuran {THF; Diethylene oxide; 1,4-Epoxybutane}	30.0 -60.0 %
67-64-1	Acetone {2-Propanone}	30.0 -60.0 %
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	1.0 -5.0 %
7664-41-7	Ammonia {Anhydrous Ammonia; R-717}	1.0 -5.0 %
9004-65-3	Hydroxypropyl methyl cellulose	0.1 -1.5 %
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	0.1 -1.5 %
929-06-6	2-(2-Aminoethoxy) ethanol	0.1 -1.5 %

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
109-99-9	Tetrahydrofuran {THF; Diethylene oxide; 1,4-Epoxybutane}	ACGIH TLV	TLV: 50 ppm STEL: 100 ppm	
		OSHA PELs	PEL: 200 ppm	
67-64-1	Acetone {2-Propanone}	ACGIH TLV	TLV: 500 ppm STEL: 750 ppm	
		OSHA PELs	PEL: 1000 ppm	
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	ACGIH TLV	TLV: 200 mg/m ³	
7664-41-7	Ammonia {Anhydrous Ammonia; R-717}	ACGIH TLV	TLV: 25 ppm STEL: 35 ppm	
		OSHA PELs	PEL: 50 ppm	
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	ACGIH TLV	TLV: 200 mg/m ³	

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.): A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Yellow opaque viscous liquid with an ammonia odor. Odor threshold not determined.
pH:	N.D.
Melting Point:	N.D.
Boiling Point:	> 37.70 C
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.

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Specific Gravity (Water = 1):	0.8353 - 0.8714
Density:	6.95 - 7.25 LB/GL
Bulk density:	N.D.
Solubility in Water:	Appreciable
Octanol/Water Partition Coefficient:	N.D.
Percent Volatile:	95.99 % by weight.
VOC / Volume:	46.0000 % WT
Autoignition Pt:	N.D.
Decomposition Temperature:	N.D.
Viscosity:	1000 - 1300 CPS
Particle Size:	N.D.
Heat Value:	N.D.
Corrosion Rate:	N.D.
Additional Physical Information	ND = Not Determined.

10. STABILITY AND REACTIVITY

Stability:	Unstable [<input type="checkbox"/>]	Stable [<input checked="" type="checkbox"/>]
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 [<input type="checkbox"/>]	Will not occur [<input checked="" type="checkbox"/>]
Conditions To Avoid - Hazardous Reactions:	**None known.	

11. TOXICOLOGICAL INFORMATION

Toxicological Information:	<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# 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# 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>
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SAFETY DATA SHEET

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CAS# 68439-46-3:

Acute toxicity, LD50, Oral, Rat, 1378. MG/KG.

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
109-99-9	Tetrahydrofuran {THF; Diethylene oxide; 1,4-Epoxybutane}	n.a.	n.a.	n.a.	n.a.
67-64-1	Acetone {2-Propanone}	n.a.	n.a.	A4	n.a.
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	n.a.	n.a.	A4	n.a.
7664-41-7	Ammonia {Anhydrous Ammonia; R-717}	n.a.	n.a.	n.a.	n.a.
9004-65-3	Hydroxypropyl methyl cellulose	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 [(including paint thinning or reducing compound)]

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
TDG Classification:

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)
109-99-9	Tetrahydrofuran {THF; Diethylene oxide; 1,4-Epoxybutane}	No	Yes NA	No
67-64-1	Acetone {2-Propanone}	No	Yes NA	No
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	No	No	No
7664-41-7	Ammonia {Anhydrous Ammonia; R-717}	Yes 500 LB	Yes NA	Yes
9004-65-3	Hydroxypropyl methyl cellulose	No	No	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
109-99-9	Tetrahydrofuran {THF; Diethylene oxide; 1,4-Epoxybutane}	Yes: Part 5	No	Yes
67-64-1	Acetone {2-Propanone}	No	No	Yes
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	Yes	No	Yes
7664-41-7	Ammonia {Anhydrous Ammonia; R-717}	No	Yes - 53.	Yes
9004-65-3	Hydroxypropyl methyl cellulose	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
109-99-9	Tetrahydrofuran {THF; Diethylene oxide; 1,4-Epoxybutane}	TSCA: Inventory, 8A PAIR
67-64-1	Acetone {2-Propanone}	TSCA: Inventory
64742-47-8	Hydrotreated light distillate (petroleum, mineral spirits)	TSCA: Inventory
7664-41-7	Ammonia {Anhydrous Ammonia; R-717}	CWA NPDES TSCA: Inventory, 8A CAIR
9004-65-3	Hydroxypropyl methyl cellulose	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.

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16. OTHER INFORMATION

Revision Date: 04/07/2021 **Previous revision:** 03/31/2021

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About This Product: N.D.: Not determined.

This Product:**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.