

SAFETY DATA SHEET

Klean Strip Aircraft Paint Remover Aerosol

Revision: 05/01/2019

Supersedes Revision: 01/29/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Klean Strip Aircraft Paint Remover Aerosol	
Company Name:	W. M. Barr 2105 Channel Avenue Memphis, TN 38113	Phone Number: (901)775-0100
Web site address:	www.wmbarr.com	
Emergency Contact Information:	3E 24 Hour Emergency Contact W.M. Barr Customer Service	(800)451-8346 (800)398-3892
Intended Use:	Remove a wide range of finishes from the metal surfaces of automobiles, trucks and cycles	
Product Code:	EAR322, EAR322CN	
Additional Information	This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.	

2. HAZARDS IDENTIFICATION

Flammable Aerosols, Category 2
Gas Under Pressure, Liquefied gas
Acute Toxicity: Inhalation, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 1
Germ Cell Mutagenicity, Category 1A
Carcinogenicity, Category 1B
Specific Target Organ Toxicity (single exposure), Category 1
Simple Asphyxiant



GHS Signal Word: **Danger**

GHS Hazard Phrases:

- Flammable aerosol.
- Containers gas under pressure; may explode if heated.
- Causes skin irritation.
- Causes serious eye damage.
- Harmful if inhaled.
- May cause genetic defects.
- May cause cancer.
- Causes damage to organs.

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.
- Do not spray on an open flame or any other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- Do not breathe 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.
- Use personal protective equipment as required.

GHS Response Phrases:

- IF ON SKIN: Wash with plenty of soap and water.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

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breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF exposed: Call a POISON CENTER or doctor/physician.
 IF exposed or concerned: Get medical attention/advice.
 Immediately call a POISON CENTER or doctor/physician.
 Specific treatment see label.
 If skin irritation occurs, get medical advice/attention.
 Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases:

Store locked up.
 Protect from sunlight and store in well-ventilated place.
 Do not expose to temperatures exceeding 50 °C/122 °F.
 Dispose of contents/container according to local, state and federal regulations.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

See above.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	60.0 -80.0 %
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	10.0 -30.0 %
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	1.0 -5.0 %
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	1.0 -5.0 %

Additional Chemical Information

Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES**Emergency and First Aid Procedures:**

INHALATION:
 If user experiences breathing difficulty, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SKIN CONTACT:
 Wash with soap and water. Get medical attention if irritation from contact persists.

EYE CONTACT:
 Immediately flush eyes with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.

INGESTION:
 Call your poison control center, hospital emergency room, or physician immediately for instructions.

Signs and Symptoms Of Exposure:

Refer to section 2.

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Note to Physician:

5. FIRE FIGHTING MEASURES

Flash Pt:	Flammable Aerosol Level 1 NA
Explosive Limits:	LEL: N.D. UEL: N.D.
Autoignition Pt:	N.D.
Suitable Extinguishing Media:	Use carbon dioxide, dry powder, or foam.
Unsuitable Extinguishing Media:	None known.
Fire Fighting Instructions:	Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.
Flammable Properties and Hazards:	Contents under pressure. Do not puncture, incinerate or store above 120 degrees F. Exposure to heat or prolonged exposure to sun may cause bursting. Contact of liquid or vapor with flame or hot surfaces will produce toxic gases and a corrosive residue that will cause deterioration of metal. Flashpoint of propellant: -142.50 degrees F (closed cup)
Hazardous Combustion Products:	Combustion may produce carbon monoxide and carbon dioxide.

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.
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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.
Precautions To Be Taken in Storing:	Wear protective clothing and take precautions to prevent all skin and eye contact. Store in a cool place and protect from sunlight. Exposure to high temperatures or prolonged exposure to sun may cause can to leak or swell. Do not store near flames or at elevated temperatures. Replace overcap on container after each use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	ACGIH TLV OSHA PELs	TLV: 50 ppm PEL: 25 ppm STEL: 125 ppm (15 min)	
68476-86-8	Liquified petroleum gas, ACGIH TLV		TLV: (1000 ppm) STEL: (—) ppm	

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CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
68476-86-8	sweetened {propane, isobutane, n-butane}	Liquified petroleum gas, OSHA PELs	PEL: 1000 ppm	
	sweetened {propane, isobutane, n-butane}			
	(continued)			
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	ACGIH TLV OSHA PELs	TLV: 200 ppm STEL: 250 ppm PEL: 200 ppm	
Respiratory Equipment (Specify Type):	<p>For occasional consumer use - Use with adequate ventilation to prevent a build-up of vapors in confined areas. Open windows or position fans to provide cross ventilation. If a mild to strong odor is noticeable, ventilation is not adequate.</p> <p>For OSHA controlled workplace and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLVs. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved self-contained breathing apparatus for chlorinated solvent vapors. A dust mask does not provide protection against vapors.</p>			
Eye Protection:	Safety glasses, chemical goggles, or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Chemical goggles or face shields are recommended when splashing or spraying of chemical is possible. A faceshield provides more protection to help reduce chemical contact to the face and eyes.			
Protective Gloves:	Wear gloves with as much resistance to the chemical ingredients as possible. Laminate film gloves offer the best protection. Other glove materials will be degraded by methylene chloride, but may provide protection for some amount of time, based on the type of glove and the conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.			
Other Protective Clothing:	Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.			
Engineering Controls (Ventilation etc.):	Use only with adequate ventilation to prevent buildup of vapors.			
	Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.			
Work/Hygienic/Maintenance Practices:	<p>A source of clean water should be available in the work area for flushing of the eyes and skin.</p> <p>Wash hands thoroughly after use. Do not eat, drink, or smoke in the work area.</p> <p>Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use.</p> <p>Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.</p>			

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	<input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
Appearance and Odor:	Yellow to orange clinging liquid. Odor threshold not determined.
pH:	N.A.
Melting Point:	N.D.
Boiling Point:	104.00 F - 150.00 F
Flash Pt:	NA
Evaporation Rate:	< 1
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N.D. UEL: N.D.
Vapor Pressure (vs. Air or mm Hg):	N.D.
Vapor Density (vs. Air = 1):	> 1
Specific Gravity (Water = 1):	1.26
Density:	10.5 - (of liquid) LB/GL at 75.0 F
Solubility in Water:	Slight
Octanol/Water Partition Coefficient:	N.D.
Percent Volatile:	96.1 % by weight.
VOC / Volume:	18.4000 % WT
Autoignition Pt:	N.D.
Decomposition Temperature:	N.D.
Viscosity:	N.D.

10. STABILITY AND REACTIVITY

Stability:	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>
Conditions To Avoid - Instability:	None known.
Incompatibility - Materials To Avoid:	Incompatible with strong oxidizing agents; strong caustics; strong alkalis; oxygen; nitrogen peroxide; chemically active metals such as aluminum and magnesium; sodium; potassium; and nitric acid.
Hazardous Decomposition or Byproducts:	Thermal decomposition may produce carbon monoxide and carbon dioxide, hydrogen chloride, chlorine gas, and small quantities of phosgene.
Possibility of Hazardous Reactions:	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
Conditions To Avoid - Hazardous Reactions:	None known.

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11. TOXICOLOGICAL INFORMATION

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

CAS# 75-09-2:
 Tumorigenic Effects:, TCLo, Inhalation, Rat, 3500. PPM, 6 Y.
 Result:
 Tumorigenic: Carcinogenic by RTECS criteria.
 Endocrine: Tumors.
 - Fundamental and Applied Toxicology., Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 4,30, 1984

Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Severe.
 Result:
 Effects on Newborn: Growth statistics (e.g., reduced weight gain).
 Effects on Newborn: Physical.
 - Union Carbide Data Sheet, Union Carbide Corp., 39 Old Ridgebury Rd., Danbury, CT 06817, Vol/p/yr: 4/25, 1958

Standard Draize Test, Skin, Species: Rabbit, 810.0 MG, 24 H, Severe.
 Result:
 Specific Developmental Abnormalities: Musculoskeletal system.
 - European Journal of Toxicology and Environmental Hygiene., For publisher information, see TOERD9, Paris France, Vol/p/yr: 9,171, 1976

Carcinogenicity/Other Information:

IARC 2B - Possibly Carcinogenic to Humans
 ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	Possible	2B	A3	Yes
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	n.a.	n.a.	n.a.	n.a.
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	n.a.	n.a.	n.a.	n.a.
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	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: Aerosols, flammable

DOT Hazard Class: 2.1 FLAMMABLE GAS

UN/NA Number: UN1950



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LAND TRANSPORT (Canadian TDG):**TDG Shipping Name:****UN Number:** 1950**Hazard Class:** 2.1 - FLAMMABLE GAS **TDG Classification:****Additional Transport Information:**

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

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)
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	No	Yes 1000 LB	Yes
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	No	No	No
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	No	Yes 5000 LB	Yes
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	No	No	No

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: Canc.
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	TSCA: Inventory
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	CAA HAP,ODC: HAP: VHAP TSCA: Inventory CA PROP.65: Yes: RDTox.
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	TSCA: Inventory, 8A PAIR, 12(b)

Additional Regulatory Information

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

16. OTHER INFORMATION**Revision Date:** 05/01/2019**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

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local laws and regulations.