

SAFETY DATA SHEET
Goof Off Pro Paint Stripper Aerosol

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Goof Off Pro Paint Stripper 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: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Intended Use: Paint/Varnish Remover
Synonyms: FG764
Additional 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.

2. HAZARDS IDENTIFICATION

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



GHS Signal Word: **Danger**
GHS Hazard Phrases: H280: Containers gas under pressure; may explode if heated.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H332: Harmful if inhaled.
H350: May cause cancer.
H370: Causes damage to organs.
GHS Precaution Phrases: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of soap and water.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307+311: IF exposed: Call a POISON CENTER or doctor/physician.
P308+313: IF exposed or concerned: Get medical attention/advice.
P310: Immediately call a POISON CENTER or doctor/physician.

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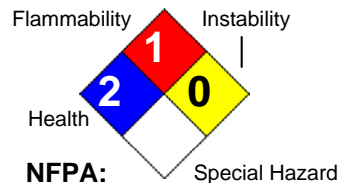
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GHS Storage and Disposal Phrases:

P321: Specific treatment see label.
P332+313: If skin irritation occurs, get medical advice/attention.
P362: Take off contaminated clothing and wash before re-use.
P405: Store locked up.
P410+403: Protect from sunlight and store in well-ventilated place.
P501: Dispose of contents/container according to local, state and federal regulations.

Hazard Rating System:

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL		0
PPE		X



HMIS:

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

INHALATION ACUTE EXPOSURE EFFECTS:

Vapor harmful. May cause dizziness; headache; burns and severe irritation to the respiratory tract; injuries to mucous membranes; watering of the eyes; weakness; drowsiness; nausea; numbness in fingers, arms, and legs; hot flashes; depression of the central nervous system; spotted vision; fatigue; dilation of pupils; increase in carboxyhemoglobin levels, which can cause stress to the cardiovascular system; arm, leg and chest pains; eye irritation; giddiness and intoxication; narcosis; anesthesia; confusion; olfactory changes; vomiting; visual disturbances; sleepiness; cough and dyspnea; cold, clammy extremities; diarrhea; irregular or rapid heartbeat; liver and kidney damage; unconsciousness; coma; and death. Severe overexposure may cause irregular or rapid heartbeat, convulsions, unconsciousness, and death. Intentional misuse of this product by deliberately concentrating and inhaling the vapors can be harmful or fatal. Elevated carboxyhemoglobin levels can be additive to the increase caused by smoking and other carbon monoxide sources. The propellant used in this product is a simple asphyxiant.

SKIN CONTACT ACUTE EXPOSURE EFFECTS:

This product is a skin irritant. Product may be absorbed through the skin. Harmful if absorbed through the skin. May cause itching; irritation; redness; defatting of the skin; drying of the skin; inflammation; discomfort or pain; swelling; dermatitis; and tissue damage. May cause symptoms listed under inhalation and ingestion. May increase the severity of symptoms listed under inhalation.

EYE CONTACT ACUTE EXPOSURE EFFECTS:

This material is an eye irritant. May cause irritation, burns, temporary corneal injury, redness, tearing, blurred vision, conjunctivitis of eyes, and corneal ulcerations of the eye. Vapors may irritate the eyes.

INGESTION ACUTE EXPOSURE EFFECTS:

Harmful if swallowed. May cause nausea; irritation to mouth, throat and stomach; loss of coordination; stupor; drowsiness; vomiting; depression of the central nervous system; narcosis; diarrhea; liver, kidney and heart damage; unconsciousness; and death. May produce symptoms listed under inhalation. Liquid aspirated into lungs may cause chemical pneumonitis and systemic effects.

CHRONIC EXPOSURE EFFECTS:

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged skin contact may cause irritation, redness, swelling and possible tissue destruction. Prolonged or repeated contact may cause dermatitis. Prolonged skin contact may result in absorption of a

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harmful amount of this material. May cause headaches; conjunctivitis; skin irritation; pancreatic damage; permanent central nervous system changes; gastric disturbances; giddiness; insomnia; decreased response to visual and auditory stimulation; visual impairment or blindness; hallucinations; changes in blood; blood disorders; kidney damage; eye irritation; brain damage; hallucinations; liver damage, and death. May cause additional symptoms listed under inhalation.

Medical Conditions Generally Aggravated By Exposure: Diseases of the blood, skin, eyes, liver, kidneys, lungs, cardiovascular system and respiratory system; alcoholism and rhythm disorders of the heart.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	70.0 -95.0 %	PA8050000
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	< 5.0 %	PC1400000
127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched	< 5.0 %	RB2451000
124-38-9	Carbon dioxide	< 5.0 %	FF6400000

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:

See Potential Health Effects.

Note to Physician:

This product contains methylene chloride and methanol.

This product contains methanol which can cause intoxication and central nervous system depression. Methanol is metabolized to formic acid and formaldehyde. These metabolites can cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used to prevent methanol metabolism. Ethanol administration is indicated in symptomatic patients or at blood methanol concentrations above 20 ug/dl. Methanol is effectively removed by hemodialysis. Adrenalin should never be given to a person overexposed to methylene chloride.

This material sensitizes the heart to the effects of sympathomimetic amines.

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Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in individuals exposed to this material. This material is metabolized to carbon monoxide. Consequently, elevations in carboxyhemoglobin as high as 50% have been reported, and levels may continue to rise for several hours after exposure has ceased. Data in experimental animals suggest there is a narrow margin between concentrations causing anesthesia and death.

5. FIRE FIGHTING MEASURES

Flash Pt:	No data.	
Explosive Limits:	LEL: No data.	UEL: No data.
Autoignition Pt:	No data.	
Suitable Extinguishing Media:	Use carbon dioxide, dry powder, or foam.	
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:	Aerosol Flammability Classification according to ASTM D-3065-77 and FHSA 1500.45. CPSC FLAMMABILITY: Non-Flammable Aerosol - Level 1	
	Propellant: Carbon Dioxide	
	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 liquid only: No flash to boiling ~104 F	

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:	Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area.
	Small Spills: take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.
	Large Spills: dike far ahead of spill for later disposal.

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:	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.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	PEL: 25 ppm STEL: 125 ppm (15 min)	TLV: 50 ppm	No data.
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.
127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-non ylphenyl)-.omega.-hydroxy-,branched	No data.	No data.	No data.
124-38-9	Carbon dioxide	PEL: 5000 ppm	TLV: 5000 ppm STEL: 30,000 ppm	No data.

Respiratory Equipment (Specify Type): 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.

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.

Eye Protection: Safety glasses, chemical goggles, or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

Protective Gloves: Wear impermeable gloves. Gloves contaminated with product should be discarded.

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: A source of clean water should be available in the work area for flushing of the eyes and skin.

Wash hands thoroughly after use.
 Do not eat, drink, or smoke in the work area.

Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use.

Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [X] Gas [X] Liquid [] Solid
Appearance and Odor: Free and Clear, Water White
Melting Point: No data.
Boiling Point: 104.00 F - 150.00 F
Autoignition Pt: No data.
Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): 1.26
Density: 10.48 - (of liquid) LB/GL at 75.0 F
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): > 1
Evaporation Rate: < 1
Solubility in Water: Slight
pH: Neutral
Percent Volatile: 96.1 % by weight.

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No data available.
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 [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

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

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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
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	n.a.	n.a.	n.a.	n.a.
127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched	n.a.	n.a.	n.a.	n.a.
124-38-9	Carbon dioxide	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, non-flammable**DOT Hazard Class:**

2.2

NONFLAMMABLE GAS

UN/NA Number:

UN1950

**MARINE TRANSPORT (IMDG/IMO):****IMDG/IMO Shipping Name:** Aerosols, Non-Flammable Gas, Poison, PGIII**AIR TRANSPORT (ICAO/IATA):****ICAO/IATA Shipping Name:** Aerosols, Non-Flammable, Containing Substances in Division 6.1, PGIII**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.

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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)
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	No	Yes 1000 LB	Yes
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	No	Yes 5000 LB	Yes
127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched	No	No	No
124-38-9	Carbon dioxide	No	No	No

This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

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; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes
127087-87-0	Poly(oxy-1,2-ethanediyl),.alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No
124-38-9	Carbon dioxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. OTHER INFORMATION

Revision Date: 04/17/2015
Preparer Name: W.M. Barr EHS Dept (901)775-0100
Additional Information About No data available.

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.