

# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 1 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** KWS5400\_GO  
**Product Name:** Goof Off Graffiti Remover  
**Company Name:** W. M. Barr  
1715 Aaron Brenner Drive  
Suite 600  
Memphis, TN 38120  
**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  
**Product Code:** FG673, FG673W

### 2. HAZARDS IDENTIFICATION

Flammable Aerosols, Category 1  
Gas Under Pressure, Liquefied gas  
Simple Asphyxiant  
Acute Toxicity: Inhalation, Category 4  
Skin Corrosion, Category 1B  
Serious Eye Damage, Category 1  
Germ Cell Mutagenicity, Category 1B  
Carcinogenicity, Category 2  
Specific Target Organ Toxicity (single exposure), Category 3  
Specific Target Organ Toxicity (repeated exposure), Category 2 - Auditory system.



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H222 - Extremely flammable aerosol.  
H332 - Harmful if inhaled.  
H336 - May cause drowsiness or dizziness.  
HUS1 - May displace oxygen and cause rapid suffocation.

**GHS Precautionary Phrases:** P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P211 - Do not spray on an open flame or any other ignition source.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P271 - Use only outdoors or in a well-ventilated area.  
P281 - Use personal protective equipment as required.

**GHS Response Phrases:** P330 - Rinse mouth. P361 - Remove/Take off immediately all contaminated clothing.  
P304 - IF INHALED: P340 - Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P308+313 - IF exposed or concerned: Get medical attention/advice.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P314 - Get medical attention/advice if you feel unwell.  
P363 - Wash contaminated clothing before reuse.

**GHS Storage and Disposal Phrases:** P403+233 - Store container tightly closed in well-ventilated place. P405 - Store locked up.  
P410+403 - Protect from sunlight and store in well-ventilated place.  
P412 - Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 - Dispose of contents/container according to local, state and federal regulations.

# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 2 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	Molecular Formula
67-64-1	Acetone {2-Propanone}	30.0 -60.0 %	C3H6O
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	10.0 -30.0 %	C6H4(CH3)2
67-68-5	Methyl sulfoxide {Dimethyl sulfoxide; DMSO}	7.0 -13.0 %	(CH3)2SO
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	7.0 -13.0 %	NA
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	1.0 -5.0 %	CH3CH2C6H5
68439-46-3	Alcohols, C9-11, ethoxylated	0.1 -1.0 %	NA
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	0.1 -1.0 %	C9H12
110-91-8	Morpholine {Diethylene imidoxide}	0.1 -1.0 %	C4H9NO
66455-14-9	Alcohols, C12-13, ethoxylated	0.1 -1.0 %	C14H30O
1095-66-5	Oleic acid, compound with morpholine (1:1)	0.1 -1.0 %	C18H34O2.C4H9NO

#### Additional Chemical Information

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

### 4. FIRST AID MEASURES

#### Emergency and First Aid Procedures:

##### Skin:

IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Seek medical attention if irritation persists.

##### Eyes:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Get medical attention.

##### Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

##### Ingestion:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention immediately. Call your poison control center, hospital emergency room, or physician immediately for instructions. Never give anything by mouth to an unconscious person.

#### Signs and Symptoms Of Exposure:

\*\*Refer to section 2.

# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 3 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

### 5. FIRE FIGHTING MEASURES

<b>Flammability Classification:</b>	NFPA Level 3
<b>Flash Point:</b>	0.00 F (-17.8 C) Method Used: Setaflash Closed Cup (Rapid Setaflash)
<b>Explosive Limits:</b>	LEL: N.D. UEL: N.D.
<b>Autoignition Pt:</b>	N.D.
<b>Suitable Extinguishing Media:</b>	Use carbon dioxide, dry powder, or foam.
<b>Unsuitable Extinguishing Media:</b>	Do NOT use straight streams of water. Clear orange gel with orange odor. Odor threshold not determined.
<b>Fire Fighting Instructions:</b>	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. 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.
<b>Flammable Properties and Hazards:</b>	Beware of static electricity that may be generated by synthetic clothing and other sources. Danger! Flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition source. No smoking. Do not smoke.
<b>Hazardous Combustion Products:</b>	Carbon dioxide, Carbon monoxide, sulfur oxides, hydrogen sulfide.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Vapors may cause flash fire or ignite explosively.  Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Stay upwind, out of low areas, and ventilate closed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes.
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### 7. HANDLING AND STORAGE

<b>Precautions To Be Taken in Handling:</b>	<p>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. 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. according to local, state and federal regulations. Do not reuse this container.</p> <p>Do not use this product near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.</p> <p>Do not use in small enclosed spaces, such as basements and bathrooms. Vapors can accumulate and explode if ignited.</p> <p>Do not spread this product over large surface areas because fire and health safety risks will increase dramatically.</p>
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# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 4 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

### Precautions To Be Taken in Storing:

Store in a cool place in original container and protect from sunlight. Exposure to high temperatures or prolonged exposure to sun may cause can to leak or swell. Once opened, remover should be used within six months or discarded to avoid can deterioration. 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	
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	ACGIH TLV	TLV: 100 ppm STEL: 150 ppm	
		OSHA PELs	PEL: 100 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	ACGIH TLV	TLV: 20 ppm STEL: 125 ppm	
		OSHA PELs	PEL: 100 ppm	
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	ACGIH TLV	TLV: 50 ppm	
		OSHA PELs	PEL: 50 ppm	
110-91-8	Morpholine {Diethylene imidoxide}	ACGIH TLV	TLV: 20 ppm	
		OSHA PELs	PEL: 20 ppm	

### Personal Protective

#### Equipment Symbols:

#### Respiratory Equipment (Specify Type):

For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved self-contained breathing apparatus or powered air supply respirator or loose fitting hood.

For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.

A dust mask does not provide protection against vapors.

#### Eye Protection:

Chemical goggles, also wear a face shield if splashing hazard exists.

#### Protective Gloves:

Laminate film gloves offer the best protection. Consult your glove supplier for additional information.

#### Other Protective Clothing:

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use.

#### Engineering Controls (Ventilation etc.):

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. If the work area is not well ventilated, DO NOT use this product. 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

# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 5 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

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:

Wash hands thoroughly after use and before eating, drinking, or smoking.

Do not eat, drink, or smoke in the work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[ X ] Gas    [ ] Liquid    [ ] Solid
Appearance and Odor:	Opaque viscous liquid. aromatic odor.
pH:	N.A.
Melting Point:	N.D.
Boiling Point:	> 99.90 F (37.7 C) / 0.0 mm Hg
Flash Point:	0.00 F (-17.8 C) Setaflash Closed Cup (Rapid Setaflash)
Evaporation Rate:	< 1 (BuAC=1)
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N.D.    UEL: N.D.
Vapor Pressure:	N.D.
Vapor Density (vs. Air=1):	N.D.
Specific Gravity (Water=1):	0.8356 - 0.8626
Density:	6.977 - 7.177 LB/GL
Solubility in Water:	Appreciable
Saturated Vapor Concentration:	No data.
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	95.11 % by weight.
VOC / Volume:	38.7800 % WT
Autoignition Pt:	N.D.
Decomposition Temperature:	N.D.
Viscosity:	1000 - 3000 cSt

a\_fld\_hdr[9]: ND = Not Determined. Flash point is for liquid contents.

# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 6 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

### 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid -** No data available.

**Instability:**

**Incompatibility - Materials To Avoid:** Bases, oxygen, sodium, potassium, strong oxidizers, reactive metals, strong acids.

**Hazardous Decomposition or Byproducts:** Carbon monoxide, Carbon dioxide.

**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. 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.  
- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS# 1330-20-7:  
Acute toxicity, LC50, Inhalation, Rat, 5000. PPM, 4 H.  
Result:  
Behavioral: Muscle contraction or spasticity.  
Lungs, Thorax, or Respiration: Other changes.  
- Raw Material Data Handbook, Vol.1: Organic Solvents, 1974., National Assoc. of Printing Ink Research Institute, Francis McDonald Sinclair Memorial Labor, Lehigh Univ., Bethlehem, PA 18015, Vol/p/yr: 1,123, 1974

Standard Draize Test, Eyes, Species: Rabbit, 5.000 MG, 24 H, Severe.  
Result:  
Behavioral: General anesthetic.  
Behavioral: Somnolence (general depressed activity).  
Behavioral: Irritability.  
- "Sbornik Vysledku Toxikologickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumyclu Praha Czechoslovakia, Vol/p/yr: -,24, 1972

CAS# 100-41-4:  
Tumorigenic Effects:, TCLo, Inhalation, Rat, 750.0 ppm.  
Result:  
Tumorigenic: Carcinogenic by RTECS criteria.  
Kidney, Ureter, Bladder: Tumors.

# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 7 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

Standard Draize Test, Eyes, Species: Rabbit, 500.0 MG, Severe.

Result:

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants).

Effects on Fertility: Litter size (e.g.; # fetuses per litter; measured before birth).

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

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

### Chronic Toxicological Effects:

This product has not been tested as a whole.

### Carcinogenicity/Other Information:

IARC 2B - Possibly Carcinogenic to Humans.

IARC 3: Not Classifiable as to Carcinogenicity in Humans.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-64-1	Acetone {2-Propanone}	n.a.	n.a.	A4	n.a.
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	n.a.	3	A4	n.a.
67-68-5	Methyl sulfoxide {Dimethyl sulfoxide; DMSO}	n.a.	n.a.	n.a.	n.a.
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	n.a.	n.a.	n.a.	n.a.
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	n.a.	2B	A3	n.a.
68439-46-3	Alcohols, C9-11, ethoxylated	n.a.	n.a.	n.a.	n.a.
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	Possible	2B	n.a.	n.a.
110-91-8	Morpholine {Diethylene imidoxide}	n.a.	3	A4	n.a.
66455-14-9	Alcohols, C12-13, ethoxylated	n.a.	n.a.	n.a.	n.a.
1095-66-5	Oleic acid, compound with morpholine (1:1)	n.a.	n.a.	n.a.	n.a.

## 12. ECOLOGICAL INFORMATION

### General Ecological Information:

This product has not been tested as a whole.



# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 8 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with all applicable local, state, and federal regulations.

### 14. TRANSPORT INFORMATION

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Aerosols, flammable, corrosive.  
**DOT Hazard Class:** 2.1(8) FLAMMABLE, CORROSIVE  
**UN/NA Number:** UN1950



#### MARINE TRANSPORT (IMDG/IMO):

**IMDG/IMO Shipping Name:** Aerosols, flammable, corrosive.  
**UN Number:** UN1950 **Packing Group:**  
**Hazard Class:** 2.1(8) - FLAMMABLE,  
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.

Aerosols that have been classed as Division 2.1 flammable gas may be transported as limited quantities up to 1L per can (1000 mL). See IMDG Special Provision 277: For aerosols or receptacles, except those containing toxic substances, the limited quantity value is 1000 mL.

Please consult IMDG Code to ensure that subsequent shipments comply with Limited Quantity provisions.

### 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 NA	No
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	No	Yes NA	Yes (30%)
67-68-5	Methyl sulfoxide {Dimethyl sulfoxide; DMSO}	No	No	No
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	No	No	No
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	No	Yes NA	Yes (5%)
68439-46-3	Alcohols, C9-11, ethoxylated	No	No	No
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	No	Yes NA	Yes (1%)
110-91-8	Morpholine {Diethylene imidoxide}	No	No	No
66455-14-9	Alcohols, C12-13, ethoxylated	No	No	No
1095-66-5	Oleic acid, compound with morpholine (1:1)	No	No	No



# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 9 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

### EPA SARA Title III Section 313 Toxic Release Inventory.

This product contains a toxic chemical or chemicals subject to the reporting requirements of EPCRA Section 313 (40 CFR Section 372).

### California Proposition 65



#### WARNING

This product can expose you to chemicals including Ethylbenzene and Cumene, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
67-64-1	Acetone {2-Propanone}	TSCA: Inventory
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory
67-68-5	Methyl sulfoxide {Dimethyl sulfoxide; DMSO}	TSCA: Inventory
68476-86-8	Liquified petroleum gas, sweetened {propane, isobutane, n-butane}	TSCA: Inventory
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory CA PROP.65: Yes: Canc.
68439-46-3	Alcohols, C9-11, ethoxylated	TSCA: Inventory
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	CAA HAP,ODC: HAP: VHAP TSCA: Inventory CA PROP.65: Yes: Canc.
110-91-8	Morpholine {Diethylene imidoxide}	TSCA: Inventory
66455-14-9	Alcohols, C12-13, ethoxylated	TSCA: Inventory
1095-66-5	Oleic acid, compound with morpholine (1:1)	TSCA: Inventory

### 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. 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.

# SAFETY DATA SHEET

## Goof Off Graffiti Remover

Page: 10 of 10

Revision: 02/25/2025

Supersedes Revision: 01/04/2023

### 16. OTHER INFORMATION

**Revision Date:** 02/25/2025 **Previous revision:** 01/04/2023

**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.