

**SAFETY DATA SHEET**  
**Goof Off Professional Strength**

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Printed: 09/24/2024

Revision: 09/24/2024

Supersedes Revision: 02/18/2020

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

## 1. PRODUCT AND COMPANY IDENTIFICATION

|                           |  |                                       |
|---------------------------|--|---------------------------------------|
| <b>Product Name:</b>      | Goof Off Professional Strength   |                                       |
| <b>Company Name:</b>      | W. M. Barr and Company, Inc.<br>2105 Channel Avenue<br>Memphis, TN 38113 | <b>Phone Number:</b><br>(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>  | General Purpose Adhesive Remover   |                                       |
| <b>Intended Use:</b>      | Multi-Purpose Remover for tar, ink, paint, adhesive, etc.                |                                       |
| <b>Product Code:</b>      | FG612, FG631, FG653, FG654, FG654LWS, FG656AM, FG657, FG661, FG661CAN    |                                       |

## 2. HAZARDS IDENTIFICATION

**Flammable Liquids, Category 2**

**Acute Toxicity: Inhalation, Category 4**

**Carcinogenicity, Category 2**

**Skin Irritation, Category 2**

**Eye Irritation, Category 2**

**Specific Target Organ Toxicity (single exposure), Category 1**

**Specific Target Organ Toxicity (repeated exposure), Category 2 - Auditory system.**



**GHS Signal Word:**

**Danger**

**GHS Hazard Phrases:**

H225 - Highly flammable liquid and vapor.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H332 - Harmful if inhaled.

H351 - Suspected of causing cancer .

H370 - Causes damage to organs

H373 - May cause damage to - Auditory system. through prolonged or repeated exposure.

**GHS Precautionary Phrases:** P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P260 - Do not breathe fume/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.

P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated

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clothing. Rinse skin with water/shower.

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.

P308+311 - If exposed or concerned: Call a POISON CENTER/Doctor/...

P313 - Get medical advice/attention.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P314 - Get medical attention/advice if you feel unwell.

P321 - Specific treatment see label.

P332+313 - If skin irritation occurs, get medical advice/attention.

P337+313 - If eye irritation persists, get medical advice/attention.

P362+364 - Take off contaminated clothing and wash it before reuse.

P370+378 - In case of fire, use dry chemical powder to extinguish.

### GHS Storage and Disposal

#### Phrases:

P403+235 - Store in cool/well-ventilated place.

P405 - Store locked up.

P501 - 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

\*\*See above.

### (Acute and Chronic):

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| CAS #     | Hazardous Components (Chemical Name)   | Concentration | Molecular Formula |
|-----------|--|---------------|-------------------|
| 67-64-1   | Acetone {2-Propanone}  | 60.0 -80.0 %  | C3H6O             |
| 1330-20-7 | Xylene (mixed isomers) {Benzene, dimethyl-}  | 7.0 -13.0 %   | C6H4(CH3)2        |
| 8052-41-3 | Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits} | 5.0 -10.0 %   | C8H15BrO2         |
| 100-41-4  | Ethylbenzene {Ethylbenzol; Phenylethane}   | 1.0 -5.0 %    | CH3CH2C6H5        |
| 67-56-1   | Methanol {Methyl alcohol; Carbinol; Wood alcohol}                                  | 1.0 -5.0 %    | CH3OH             |

### 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.

Eyes:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes.

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, do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately. Never give anything by mouth to an unconscious person.

### Note to Physician:

Treat symptomatically and supportively.

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## 5. FIRE FIGHTING MEASURES

|  |  |
|--|--|
| <b>Flammability Classification:</b>      | NFPA Class IB  |
| <b>Flash Point:</b>                      | -17.2 C (1.00 F) 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 water spray, dry chemical, carbon dioxide, or appropriate foam.          |
| <b>Unsuitable Extinguishing Media:</b>   | **None known.  |
| <b>Fire Fighting Instructions:</b>       | Wear self contained breathing apparatus for fire fighting if necessary.      |
| <b>Flammable Properties and Hazards:</b> | Vapor may travel considerable distance to source of ignition and flash back. |
| <b>Hazardous Combustion Products:</b>    | Carbon monoxide, Carbon dioxide.   |

## 6. ACCIDENTAL RELEASE MEASURES

|   |  |
|---|--|
| <b>Steps To Be Taken In Case Material Is Released Or Spilled:</b> | Isolate hazard area. Keep unnecessary and unprotected personnel from entering.<br><br>Stay upwind.<br><br>ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).<br><br>Use non-sparking tools.<br><br>Take up with sand or other non-combustible absorbent material and place into containers for later disposal.<br><br>Dike far ahead of spill for later disposal.<br><br>Avoid runoff into storm sewers and ditches which lead to waterways. |
|---|--|

## 7. HANDLING AND STORAGE

|   |   |
|---|---|
| <b>Precautions To Be Taken in Handling:</b> | Do not reuse this container.<br><br>Read carefully and follow all instructions.<br><br>Do not use this product near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.<br><br>Do not spread this product over large surface areas because fire and health safety risks will increase dramatically. |
| <b>Precautions To Be Taken in Storing:</b>  | Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.  |
| <b>Other Precautions:</b>                   | Keep away from heat, sparks, and open flame.  |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| CAS #     | Chemical Name   | Jurisdiction | Recommended Exposure Limits   | Notations |
|-----------|---|--------------|-------------------------------|-----------|
| 67-64-1   | Acetone {2-Propanone}   | ACGIH TLV    | TLV: 500 ppm<br>STEL: 750 ppm |           |
|           |   | OSHA PELs    | PEL: 1000 ppm                 |           |
| 1330-20-7 | Xylene (mixed isomers)<br>{Benzene, dimethyl-}  | ACGIH TLV    | TLV: 100 ppm<br>STEL: 150 ppm |           |
|           |   | OSHA PELs    | PEL: 100 ppm                  |           |
| 8052-41-3 | Stoddard solvent<br>{Mineral spirits; Aliphatic Petroleum Distillates; White spirits} | ACGIH TLV    | TLV: 100 ppm                  |           |
|           |   | OSHA PELs    | PEL: 500 ppm                  |           |
| 100-41-4  | Ethylbenzene<br>{Ethylbenzol; Phenylethane}   | ACGIH TLV    | TLV: 100 ppm<br>STEL: 125 ppm |           |
|           |   | OSHA PELs    | PEL: 100 ppm                  |           |
| 67-56-1   | Methanol {Methyl alcohol; Carbinol; Wood alcohol}                                     | ACGIH TLV    | TLV: 200 ppm<br>STEL: 250 ppm |           |
|           |   | OSHA PELs    | PEL: 200 ppm                  |           |

**Personal Protective Equipment Symbols:**

|   |  |
|---|--|
| <b>Respiratory Equipment (Specify Type):</b>    | Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).  |
| <b>Eye Protection:</b>                          | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).  |
| <b>Protective Gloves:</b>                       | Wear appropriate gloves to prevent skin exposure.  |
| <b>Other Protective Clothing:</b>               | Wear appropriate protective clothing to prevent skin exposure.   |
| <b>Engineering Controls (Ventilation etc.):</b> | 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. |
| <b>Work/Hygienic/Maintenance Practices:</b>     | Wash thoroughly after handling.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                   |  |
|-----------------------------------|--|
| <b>Physical States:</b>           | [ ] Gas      [ X ] Liquid      [ ] Solid                   |
| <b>Appearance and Odor:</b>       | solvent odor. Odor threshold not determined.               |
| <b>pH:</b>                        | N.D.   |
| <b>Melting Point:</b>             | N.D.   |
| <b>Boiling Point:</b>             | 37.7 C (99.90 F)   |
| <b>Flash Point:</b>               | -17.2 C (1.00 F)    Setaflash Closed Cup (Rapid Setaflash) |
| <b>Evaporation Rate:</b>          | > 1  |
| <b>Flammability (solid, gas):</b> | No data available.   |
| <b>Explosive Limits:</b>          | LEL: N.D.    UEL: N.D.                                     |
| <b>Vapor Pressure:</b>            | N.D.   |

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|   |  |
|---|--|
| <b>Vapor Density (vs. Air=1):</b>           | N.D.   |
| <b>Specific Gravity (Water=1):</b>          | 0.8200 - 0.8248  |
| <b>Density:</b>                             | 6.84 - 6.88 LB/GL                                      |
| <b>Solubility in Water:</b>                 | No data.   |
| <b>Solubility Notes:</b>                    | Partial or Limited Solubility.                         |
| <b>Saturated Vapor Concentration:</b>       | N.D.   |
| <b>Octanol/Water Partition Coefficient:</b> | No data.   |
| <b>Percent Volatile:</b>                    | 100.0 % by weight.                                     |
| <b>VOC / Volume:</b>                        | 20.0000 % WT   |
| <b>Autoignition Pt:</b>                     | N.D.   |
| <b>Decomposition Temperature:</b>           | N.D.   |
| <b>Viscosity:</b>                           | < 5 cps  |
| <b>a_fld_hdr[9]:</b>                        | VOC (g/L): 163.25 g/L max.<br><br>ND = Not Determined. |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                          | Unstable [ ]      Stable [ X ]           |
| <b>Conditions To Avoid -</b>               | No data available.                       |
| <b>Instability:</b>                        |  |
| <b>Incompatibility - Materials To</b>      | Strong oxidizing agents.                 |
| <b>Avoid:</b>                              |  |
| <b>Hazardous Decomposition or</b>          | Carbon monoxide, Carbon dioxide.         |
| <b>Byproducts:</b>                         |  |
| <b>Possibility of Hazardous Reactions:</b> | Will occur [ ]      Will not occur [ X ] |
| <b>Conditions To Avoid -</b>               | **None known.                            |
| <b>Hazardous Reactions:</b>                |  |

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**11. TOXICOLOGICAL INFORMATION**

**Toxicological Information:** This product has not been tested as a whole. Refer to section 2 for 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 Toxixologickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumycul 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.

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

**Carcinogenicity/Other Information:**

ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans.

ACGIH A4 - Not Classifiable as a Human Carcinogen.

IARC 2B - Possibly Carcinogenic to Humans.

IARC 3: Not Classifiable as to Carcinogenicity in Humans.

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| 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. |
| 8052-41-3 | Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits} | n.a. | n.a. | n.a.  | n.a. |
| 100-41-4  | Ethylbenzene {Ethylbenzol; Phenylethane}   | n.a. | 2B   | A3    | n.a. |
| 67-56-1   | Methanol {Methyl alcohol; Carbinol; Wood alcohol}                                  | 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.

**DOT Hazard Class:** 3 FLAMMABLE LIQUID

**UN/NA Number:** UN1263 **Packing Group:** II



### LAND TRANSPORT (Canadian TDG):

**TDG Shipping Name:** Paint related material.

**UN Number:** UN1263 **Packing Group:** II

**Hazard Class:** 3 - FLAMMABLE LIQUID **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.

## 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 (13%)    |
| 8052-41-3 | Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits} | No           | No        | No           |
| 100-41-4  | Ethylbenzene {Ethylbenzol; Phenylethane}   | No           | Yes NA    | Yes (5%)     |
| 67-56-1   | Methanol {Methyl alcohol; Carbinol; Wood alcohol}                                  | No           | Yes NA    | Yes (5%)     |

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| CAS #                                    | Hazardous Components (Chemical Name)  | Canadian NPRI   | Canadian Toxic | Canadian DSL |
|--|---|---|----------------|--------------|
| 67-64-1                                  | Acetone {2-Propanone}   | No  | No             | Yes          |
| 1330-20-7                                | Xylene (mixed isomers) {Benzene, dimethyl-}   | Yes: Part 5   |                | Yes          |
| 8052-41-3                                | Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}  | Yes: Part 5   | No             | Yes          |
| 100-41-4                                 | Ethylbenzene {Ethylbenzol; Phenylethane}  | Yes: Part 1A  | No             | Yes          |
| 67-56-1                                  | Methanol {Methyl alcohol; Carbinol; Wood alcohol}   | Yes: Part 5   |                | Yes          |
| 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<br>CWA NPDES  |                |              |
| 8052-41-3                                | Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}  | TSCA: Inventory   |                |              |
| 100-41-4                                 | Ethylbenzene {Ethylbenzol; Phenylethane}  | CAA HAP, ODC: HAP: VHAP<br>CWA NPDES<br>TSCA: Inventory<br>CA PROP.65: Yes: Canc. |                |              |
| 67-56-1                                  | Methanol {Methyl alcohol; Carbinol; Wood alcohol}   | CAA HAP, ODC: HAP: VHAP<br>TSCA: Inventory<br>CA PROP.65: Yes: RDTox.             |                |              |
| <b>Additional Regulatory Information</b> | 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:** 09/24/2024      **Previous revision:** 02/18/2020

**Preparer Name:** W.M. Barr Regulatory Department

**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:**