

SAFETY DATA SHEET

Goof Off Heavy Duty

1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Product Name: | Goof Off Heavy Duty | |
| 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: | Multi-Purpose Remover for rar, ink, paint, adhesive, etc. | |
| Product Code: | FG644, FG659, FG659AM, FG659B, FG659W, FG720, FG708, FG659BW, FG722, FG659BHDIP, FG659B18HDIP, FG659BWS, FG659BHDWS, G659BLWS, FG659BWM, FG659WM, FG705 | |

2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 2A
Specific Target Organ Toxicity (single exposure), Category 3



| | |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GHS Signal Word: | Warning |
| GHS Hazard Phrases: | Causes serious eye irritation. May cause respiratory irritation. |
| GHS Precautionary Phrases: | Avoid breathing gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. |
| GHS Response Phrases: | 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. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists, get medical advice/attention. |
| 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. |
| Potential Health Effects (Acute and Chronic): | This material has not been tested as a whole for health effects. Effects listed are those of the individually listed ingredients in this msds. Eyes: May cause severe irritation. Effects may include discomfort or pain, and redness. Skin: Brief contact may cause slight skin irritation with local redness. Repeated exposure may cause irritation. May cause more severe response on covered skin (under clothing, gloves). Inhalation: |

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When used as directed, the consumer is not expected to experience any exposure effects. Excessive exposure may cause irritation to the upper respiratory tract. Symptoms may include a headache, dizziness, or nausea.

Ingestion:

Moderately toxic if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury. However, swallowing larger amounts may cause injury.

Target Organs: Blood (Hemolysis), Kidneys, Liver, Eyes, Skin, Central Nervous System.

Primary Routes of Entry: Eyes, Skin, Inhalation, Ingestion

Medical Conditions Generally None known.

Aggravated By Exposure:

3. COMPOSITION/INFORMATION ON INGREDIENTS

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|----------|-------------------------------------------------------------------------------------|---------------|
| 100-51-6 | Benzenemethanol {Benzyl alcohol} | 3.0 -7.0 % |
| 143-18-0 | Oleic acid potassium salt | 1.0 -5.0 % |
| 112-34-5 | Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}} | 1.0 -5.0 % |
| 770-35-4 | Propylene glycol phenyl ether {(not 313)} | 0.5 -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:**Skin:**

Remove contaminated clothing. Immediately wash skin thoroughly with large amounts of water and mild soap, if available. Seek medical attention if irritation develops or persists.

Eyes:

Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes. Seek medical attention.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:

If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Signs and Symptoms Of Exposure:

See Potential Health Effects.

5. FIRE FIGHTING MEASURES

| | |
|---------------------------------------------|---------------------------------------------------------------------------------------------------|
| Flammability Classification: | Not flammable or combustible |
| Flash Pt: | > 212.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash) |
| Explosive Limits: | LEL: none UEL: none |
| Autoignition Pt: | N.D. |
| Suitable Extinguishing Media: | Non-combustible liquid - use extinguishing media for underlying cause of fire. |
| Unsuitable Extinguishing Media: | None known. |
| Fire Fighting Instructions: | Material is not flammable or combustible. No special fire fighting instructions required. |
| Flammable Properties and Hazards: | None |
| Hazardous Combustion Products: | Material should not burn. Combustion product will be from surrounding materials involved in fire. |
| Additional Fire Fighting Information | NP = Not applicable |

6. ACCIDENTAL RELEASE MEASURES

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|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Steps To Be Taken In Case Material Is Released Or Spilled: | Prevent entry into waterways, sewers, or confined areas. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to compatible containers for proper disposal. For large spills, dike ahead of the spill. |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

7. HANDLING AND STORAGE

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|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. Follow all SDS/label precautions even after container is emptied because they may retain product residues. |
| Precautions To Be Taken in Storing: | Keep containers closed when not in use. Store in a cool, dry place, out of direct sunlight. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory Equipment (Specify Type): | When used by the consumer following directions for use and with adequate ventilation, respiratory protection is not expected to be needed. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. If the work area is not properly ventilated to keep airborne levels below their exposure limits, you must use a properly fitted and maintained NIOSH approved respirator for organic vapors. A dust mask does not provide protection against vapors. |
| Eye Protection: | Where contact with the eyes or face is likely from spraying or splashing, safety glasses, a faceshield or chemical goggles should be worn to prevent eye contact. |
| Protective Gloves: | When used as directed, protective gloves should not be required. For prolonged or repeated contact, wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as natural rubber or nitrile rubber provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. |
| Other Protective Clothing: | Various application methods can dictate use of additional protective safety equipment, |

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|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Controls (Ventilation etc.): | such as impermeable aprons, etc., to minimize exposure. Ventilation is normally not required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Good general ventilation should be sufficient to control airborne levels. |
| 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. Discard any clothing or other protective equipment that cannot be decontaminated. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------------------|------------------------------------------------------------------------------------------|
| Physical States: | [] Gas [X] Liquid [] Solid |
| Appearance and Odor: | Slight yellow to clear, transparent, almond-like odor. Odor threshold not determined. |
| pH: | 8.3 - 8.7 |
| Melting Point: | 32.00 F |
| Boiling Point: | 212.00 F |
| Flash Pt: | > 212.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash) |
| Evaporation Rate: | < 1 |
| Flammability (solid, gas): | No data available. |
| Explosive Limits: | LEL: none UEL: none |
| Vapor Pressure (vs. Air or mm Hg): | < 0.1 MM HG |
| Vapor Density (vs. Air = 1): | > 1 |
| Specific Gravity (Water = 1): | 0.997 |
| Density: | 8.3 LB/GL |
| Solubility in Water: | Complete |
| Octanol/Water Partition Coefficient: | ND |
| Percent Volatile: | ~ 87 % by weight. |
| VOC / Volume: | 3.0000 % WT |
| Autoignition Pt: | N.D. |
| Decomposition Temperature: | No data. |
| Viscosity: | N.D. |
| Additional Physical Information | ND = Not Determined |

10. STABILITY AND REACTIVITY

| | |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Stability: | Unstable [] Stable [X] |
| Conditions To Avoid - Instability: | None known. |
| Incompatibility - Materials To Avoid: | Strong oxidizing agents, isocyanates, acetaldehyde, aluminum alkyl compounds and strong mineral acids. |
| Hazardous Decomposition or Byproducts: | Carbon monoxide, carbon dioxide |
| Possibility of Hazardous Reactions: | Will occur [] Will not occur [X] |
| Conditions To Avoid - Hazardous Reactions: | None known. |

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Material has not been tested as a whole. Data is for individual ingredients. Refer to section 2 for acute and chronic effects.

CAS# 112-34-5:

Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, Severe.

Result:

Behavioral: Anticonvulsant.

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

Chronic Toxicological Effects:

Carcinogenicity/Other Information: ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans IARC 3: Not Classifiable as to Carcinogenicity in Humans.

| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|----------|------------------------------------------------------------------------------------|------|------|-------|------|
| 100-51-6 | Benzenemethanol {Benzyl alcohol} | n.a. | n.a. | n.a. | n.a. |
| 143-18-0 | Oleic acid potassium salt | n.a. | n.a. | n.a. | n.a. |
| 112-34-5 | Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)} | n.a. | n.a. | n.a. | n.a. |
| 770-35-4 | Propylene glycol phenyl ether {(not 313)} | n.a. | n.a. | n.a. | n.a. |

12. ECOLOGICAL INFORMATION

General Ecological Information: Not determined for this product as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all applicable local, state, and federal regulations. Do not dump into sewers or allow to enter waterways.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated by D.O.T.

DOT Hazard Class:

UN/NA Number:

Additional Transport Information:

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) |
|----------|------------------------------------------------------------------------------------|--------------|-----------|---------------|
| 100-51-6 | Benzenemethanol {Benzyl alcohol} | No | No | No |
| 143-18-0 | Oleic acid potassium salt | No | No | No |
| 112-34-5 | Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)} | No | No | Yes-Cat. N230 |
| 770-35-4 | Propylene glycol phenyl ether {(not 313)} | No | No | No |

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| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|----------|-------------------------------------------------------------------------------------|--------------------------------------------|
| 100-51-6 | Benzenemethanol {Benzyl alcohol} | TSCA: Inventory |
| 143-18-0 | Oleic acid potassium salt | TSCA: Inventory |
| 112-34-5 | Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}} | CAA HAP,ODC: Yes - Cat. TSCA: Inventory |
| 770-35-4 | Propylene glycol phenyl ether {(not 313)} | TSCA: Inventory, 8A PAIR, 8D TERM |

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.

16. OTHER INFORMATION

Revision Date: 05/21/2020

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

Additional Information About This Product: 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.