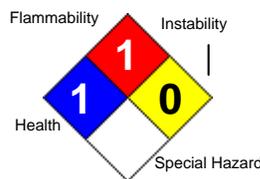


SAFETY DATA SHEET

Goof Off Wipes

Page: 1

HEALTH		1
FLAMMABILITY		1
PHYSICAL		0
PPE		X



Printed: 07/01/2013
Revision: 03/14/2013
Supersedes Revision: 05/19/2011

1. Product and Company Identification

Product Code: FG685
Product Name: Goof Off Wipes
Manufacturer Information
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Web site address: www.wmbarr.com
Preparer Name: W.M. Barr EHS Dept (901)775-0100
Synonyms
FG801

2. Hazards Identification

GHS Classification

GHS Hazard Phrases

No data available.

GHS Precaution Phrases

No data available.

GHS Response Phrases

No data available.

GHS Storage and Disposal Phrases

No data available.

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 irritation. May cause moderate corneal injury. Effects may include discomfort or pain, and redness. Effects may be slow to heal.

Skin:

Prolonged or repeated exposure may cause irritation, even a burn. May cause more severe response on covered skin (under clothing, gloves). There is some possibility of causing skin irritation during short term contact.

Inhalation:

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

SAFETY DATA SHEET

Goof Off Wipes

Page: 2

Printed: 07/01/2013

Revision: 03/14/2013

Supersedes Revision: 05/19/2011

are not likely to cause injury. However, swallowing larger amounts may cause injury.

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

Primary Routes of Entry: Inhalation, Ingestion

Medical Conditions Generally Aggravated By Exposure

None known.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	1.0 -5.0 %
2. Benzenemethanol {Benzyl alcohol}	100-51-6	5.0 -10.0 %

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 persists.

Eyes:

Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, then 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:	No flash to boiling = FP	
Flash Pt:	NA	
Explosive Limits:	LEL: none	UEL: none
Autoignition Pt:	No data available.	

Fire Fighting Instructions

Material is not flammable or combustible. No special fire fighting instructions required.

Flammable Properties and Hazards

Flashpoint: No flash to boiling. This material does not exhibit a flashpoint per the Setaflash Closed Cup test method.

Hazardous Combustion Products

Oxides of carbon.

Suitable Extinguishing Media

Non-combustible liquid - use extinguishing media for underlying cause of fire.

Unsuitable Extinguishing Media

None known.

6. Accidental Release Measures

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

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 MSDS/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

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	50 ppm	20 ppm	No data.
2. Benzenemethanol {Benzyl alcohol}	100-51-6	No data.	No data.	No data.

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, such as impermeable aprons, etc., to minimize exposure.

Engineering Controls (Ventilation etc.)

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.

SAFETY DATA SHEET

Goof Off Wipes

Page: 4

Printed: 07/01/2013

Revision: 03/14/2013

Supersedes Revision: 05/19/2011

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	[X] Solid
Melting Point:	32 F		
Boiling Point:	210 F		
Autoignition Pt:	No data.		
Flash Pt:	NA		
Explosive Limits:	LEL: none	UEL: none	
Specific Gravity (Water = 1):	1.0055		
Density:	8.37 LB/GL		
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	> 1		
Evaporation Rate:	< 1		
Solubility in Water:	Complete		
Percent Volatile:	0 % by weight.		
VOC / Volume:	3.0 % WT		
pH:	12.1		

Appearance and Odor

Slight yellow to clear thin transparent liquid absorbed in polyester wipes.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

None known.

Incompatibility - Materials To Avoid

Strong oxidizing agents, strong acids, isocyanates, acetaldehyde, aluminum alkyl compounds and strong mineral acids.

Hazardous Decomposition Or Byproducts

Carbon monoxide, carbon dioxide, aldehydes, ketones, organic acids

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.

Acute Toxicity:

2-Butoxyethanol:

LD50 Rat oral 1.48 g/kg

LD50 Rabbit oral 0.32 g/kg

LD50 Rabbit dermal 400 mg/kg

LC50 Rat (male) inhalation 486 ppm/4 hr /from table/

LC50 Mouse inhalation 700 ppm/7 hr /from table/

LD50 Rabbit (male) iv 280 mg/kg /from table/

SAFETY DATA SHEET

Goof Off Wipes

Page: 5

Printed: 07/01/2013

Revision: 03/14/2013

Supersedes Revision: 05/19/2011

Benzyl Alcohol:

LD50 Rat oral 3.1 g/kg

LD50 Rabbit oral 1.94 g/kg

LC50 Rat inhalation 1000 ppm/8 hr

Skin Corrosion/Irritation:

2-Butoxyethanol is irritating to the eyes, the skin and the respiratory tract.

Serious Eye Damage/Irritation:

Studies have shown that undiluted benzyl alcohol was moderately irritating when applied to the depilated skin of guinea pigs for 24 hr. It was moderately irritating when applied to rabbit skin. Benzyl alcohol was severely irritating to the eyes of rabbits.

Respiratory or Skin Sensitization: No Data Available.

Aspiration Hazard: No Data available.

Chronic Toxicological Effects

Material has not been tested as a whole. Data is for individual ingredients.

Germ Cell Mutagenicity:

2-Butoxyethanol: In vitro genetic toxicity studies were predominantly negative. Animal genetic toxicity studies were negative.

Reproductive Toxicity/Birth Defects/Developmental Effects:

2-Butoxyethanol: In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals.

STOT-Single Exposure: No data available.

STOT-Repeated Exposure: No data available.

Carcinogenicity/Other Information

IARC 2B - Possibly Carcinogenic to Humans

ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	n.a.	3	A3	n.a.
2. Benzenemethanol {Benzyl alcohol}	100-51-6	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information

Not determined for this product as a whole.

Toxicity:

2-Butoxyethanol: Material is moderately toxic to aquatic organisms on an acute basis. LC50 Rainbow trout, 96

SAFETY DATA SHEET

Goof Off Wipes

Page: 6

Printed: 07/01/2013

Revision: 03/14/2013

Supercedes Revision: 05/19/2011

hr, 1,700 mg/L; LC50, water flea daphnia magna, 835 mg/L; EC50, Green Alga, biomass growth inhibition, 72 hr, 911 mg/L; LC50 Bacteria, >1000 mg/L

Persistence and Degradability:

2-Butoxyethanol: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

Benzyl Alcohol is easily biodegradable by biological sewage treatment

Bioaccumulative Potential:

2-Butoxyethanol: Bioconcentration potential is low (BCF less than 100 or LOG POW less than 3).

An estimated BCF of 1 was calculated for benzyl alcohol(SRC), using a log Kow of 1.1(1) and a regression-derived equation(2). According to a classification scheme(3), this BCF suggests the potential for bioconcentration in aquatic organisms is low.

Mobility in Soil:

2 -Butoxyethanol: Potential for mobility in soil is high (KOC between 50 and 150).

Benzyl alcohol is expected to have very high mobility in soil.

Other Adverse Effects: None known.

Results of PBT and vPvB assessment

CAS# 111-76-2:

LC50, Bluegill (*Lepomis macrochirus*), 1490000. UG/L, 96 H, Mortality, Water temperature: 23 C C, pH: 7.90, Hardness: 55.00 MG/L.

Result:

Abnormal development.

- The Acute Toxicity of 47 Industrial Chemicals to Fresh and Saltwater Fishes, Dawson, G.W., A.L. Jennings, D. Drozdowski, and E. Rider, 1977

LC50, Water Flea (*Daphnia magna*), 1720. MG/L, 24 H, Intoxication,, Water temperature: 20 C - 22 C C, pH: 7.70, Hardness: 16.00 dH.

Result:

Age Effects.

- Results of the Damaging Effect of Water Pollutants on *Daphnia magna* (Befunde der Schadwirkung Wassergefährdender Stoffe Gegen *Daphnia magna*), Bringmann, G., and R. Kuhn, 1977

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.

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

SAFETY DATA SHEET

Goof Off Wipes

Page: 7
Printed: 07/01/2013
Revision: 03/14/2013
Supersedes Revision: 05/19/2011

exceptions.

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	No	No	Yes-Cat. N230	No
2. Benzenemethanol {Benzyl alcohol}	100-51-6	No	No	No	No

Other US EPA or State Lists

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	HAP	No	Inventory	No
2. Benzenemethanol {Benzyl alcohol}	100-51-6	No	No	Inventory	No

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- Yes No Acute (immediate) Health Hazard
- Yes No Chronic (delayed) Health Hazard
- Yes No Fire Hazard
- Yes No Sudden Release of Pressure Hazard
- Yes No Reactive Hazard

16. Other Information

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.

Revision Date: 03/14/2013