

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** MF Mr. Foam

**PRODUCT USE:** Car wash

**MANUFACTURED FOR:** Warsaw Chemical Holdings LLC.  
P.O. Box 858  
Warsaw, IN 46581

**INFORMATION PHONE:** Tel: 1-800-548-3396  
Fax: 1-574-267-3884

**EMERGENCY PHONE:** INFOTRAC  
1-800-535-5053 USA & Canada  
352-323-3500 International

## SECTION 2 - HAZARD(S) IDENTIFICATION

**CLASSIFICATION:** Eye Damage: Category 2B

**PICTOGRAMS:**

**GHS ELEMENTS:**

**SIGNAL WORD:** Warning

**HAZARD STATEMENT(S):** H320 | Causes eye irritation.

**PRECAUTIONARY STATEMENT(S):** P264 | Wash any exposed body parts thoroughly after handling.  
P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 | If eye irritation persists: Get medical advice/attention.

**ADDITIONAL PRECAUTIONS:** None Known

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	FUNCTIONAL PURPOSE	PERCENT
Alkyl Olefin Sulfonate	68439-57-6	Surfactant	10 - 20%
Cocoamidopropyl Betaine	61789-40-0	Surfactant	5 - 10%
Alkylbenzene sulfonic Acid	68584-22-5	Surfactant	5 - 10%
Sodium Hydroxide 50%	1310-73-2	pH Adjustment	1 - 5%
Sodium Chloride	7647-14-5	Adjuvant	< 1.0%
Tetrasodium EDTA	13235-36-4	Water Softener	< 1.0%
Fragrance	Not Available	Fragrance	< 1.0%
Chloroxyleneol	88-04-0	Preservative	< 1.0%
Azo Dye	3567-69-9	Colorant	< 1.0%

## SECTION 4 - FIRST AID MEASURES

- EYES:** Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
- SKIN:** Wash skin surfaces thoroughly after contact. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if irritation develops.
- INHALATION:** Move exposed person to fresh air. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen clothing. Get medical attention immediately.
- INGESTION:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- GENERAL:** Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been inhaled or ingested.

See Section 11 for exposure symptoms.

## SECTION 5 - FIRE FIGHTING MEASURES

- FLAMMABILITY:** In a fire or if heated, a pressure increase will occur and the container may burst.
- EXTINGUISHING MEDIA:** Use an extinguishing agent suitable for the surrounding fire.
- PROTECTIVE EQUIPMENT:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.
- ADDITIONAL INFORMATION:** Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/oxides, halogenated compounds.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS:** No action should be taken involving individual risk or without suitable training. Isolate area. Avoid contact with material. Do not breathe vapors. Provide adequate ventilation. Wear proper personal protective equipment.
- ENVIRONMENTAL:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product reaches sewers, waterways or soil.
- CONTAINMENT/CLEANUP:** Stop leak if without risk. Move containers from spill area. Contain or absorb with inert dry material. Dispose of according to local regulations. See Section 1 for emergency contact information and 13 for waste disposal.

## SECTION 7 - HANDLING AND STORAGE

- SAFE HANDLING:** Wear appropriate personal protective equipment (see Section 8). Eating

drinking and smoking should be prohibited. Do not get into eyes or on skin. Do not ingest. Keep containers tightly closed. Do not reuse container.

**SAFE STORAGE:**

Store in accordance with local regulations. Store in original container away from foods, drink and incompatible materials. Keep container tightly closed. Do not store unlabeled. Use appropriate containment.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

Apply technical measures to comply with occupational exposure limits. Mechanical ventilation, eyewash stations, showers where necessary.

**EYE PROTECTION:**

Safety eye-wear/face shield complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

**RESPIRATORY PROTECTION:**

Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates necessity. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product & the safe working limits of the chosen respirator.

**HAND PROTECTION:**

Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**SKIN PROTECTION:**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**COMPONENT:**

ACGIH TWA ppm

OSHA/NIOSH STEL ppm

OSHA/ACGIH STEL mg/m3

COMPONENT	ACGIH TWA ppm	OSHA/NIOSH STEL ppm	OSHA/ACGIH STEL mg/m3
Alkyl Olefin Sulfonate	None	None	None
Cocoamidopropyl Betaine	None	None	None
Alkylbenzene sulfonic Acid	None	None	0.20
Sodium Hydroxide 50%	2.00	None	None
Sodium Chloride	None	None	None
Tetrasodium EDTA	None	None	None
Fragrance	None	None	None
Chloroxylenol	None	None	None
Azo Dye	None	None	None

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	UPPER EXPLOSIVE LIMITS:	NA
COLOR:	red	LOWER EXPLOSIVE LIMITS:	NA
ODOR:	Men's cologne	VAPOR PRESSURE:	NA
ODOR THRESHOLD:	NA	VAPOR DENSITY:	NA
PH:	08.1 - 10.0	RELATIVE DENSITY:	NA
MELTING POINT:	NA	SOLUBILITY:	Completely Water

FREEZING POINT:	30.00 F	PARTITION COEFFICIENT:	NA
BOILING POINT:	NA	AUTO-IGNITION TEMPERATURE:	NA
FLASH PT METHOD:	NA	DECOMPOSITION TEMPERATURE:	NA
FLASH POINT:	NA	SPECIFIC GRAVITY:	1.18400
EVAPORATION RATE:	NA	% VOLATILE:	NA
FLAMMABILITY:	Nonflammable	VISCOSITY (cst):	NA

Soluble

## SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY:	HAZARDOUS DECOMPOSITION PRODUCTS
CHEMICAL STABILITY:	Stable under normal conditions
POSSIBILITY OF HAZARDOUS REACTIONS:	Stable under normal conditions
CONDITIONS TO AVOID:	None known
INCOMPATIBLE MATERIALS:	Strong acids and oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Material does not decompose at ambient temperatures.

## SECTION 11 - TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:                      Inhalation                      Absorption                      Ingestion

**ACUTE EXPOSURE HAZARDS:**

EYE CONTACT:	Irritation
DERMAL:	None expected.
ORAL:	Nausea, diarrhea.
INHALATION:	Minimally toxic based on test data for structurally similar materials.

Alkyl Olefin Sulfonate (CAS No. 68439-57-6)

Oral LD50: Rat >2000 mg/kg

Dermal LD50: Rabbit >2000 mg/kg

Cocoamidopropyl Betaine (CAS No. 61789-40-0)

Oral LD50: Rat >5000 mg/kg

Alkylbenzene sulfonic Acid (CAS No. 68584-22-5)

Oral LD50: greater than 5mg/kg

Sodium Chloride (CAS No. 7647-14-5)  
Oral LD50: 3000mg/kg rat

Tetrasodium EDTA (CAS No. 13235-36-4)  
Oral LD50: 1780-<2,000 mg/kg, rat  
Dermal LD50: >5,000 mg/kg, rabbit

Chloroxylonol (CAS No. 88-04-0)  
Oral LD50: 3,830 mg/kg rat

Azo Dye (CAS No. 3567-69-9)  
Oral LD50: Rat 10000 mg/kg

## SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.

PERSISTENCE & DEGRADABILITY: No data available.

BIOACCUMULATIVE POTENTIAL: No data available.

MOBILITY IN SOIL: No data available.

OTHER ADVERSE EFFECTS: No data available.

Alkyl Olefin Sulfonate (CAS No. 68439-57-6)

Fish LC50: Fish 2.5-5 mg/L, 96 hrs

Crustacean LC50: Daphnia 4.48 mg/L, 48 hrs

Algae EC50: Algae 45 mg/L, 72 hrs

Alkylbenzene sulfonic Acid (CAS No. 68584-22-5)

Fish LC50: greater than 1000mg/L

Crustacean LC50: greater than 1000mg/L daphnia

Sodium Hydroxide 50% (CAS No. 1310-73-2)

Fish LC50: 144mg/L, 96H guppy

Sodium Chloride (CAS No. 7647-14-5)

Fish LC50: 4747mg/L 96h, trout

Crustacean LC50: 340 mg/L 48h daphnia

Tetrasodium EDTA (CAS No. 13235-36-4)

Fish LC50: >1592mg/l, 96h, bluegill

Chloroxylonol (CAS No. 88-04-0)

Fish LC50: 0.36mg/L 96h trout

## SECTION 13 - DISPOSAL CONSIDERATION

Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of the product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions. Dispose of container and unused contents in accordance with federal, state and local requirements.

## SECTION 14 - TRANSPORT INFORMATION

DOT (US)

UN NUMBER: NA  
SHIPPING NAME: NA  
TECHNICAL NAME: NA  
HAZARD CLASS: NA  
PACKAGING GROUP: NA

## SECTION 15 - REGULATORY INFORMATION

SARA 313 COMPONENTS	CAS NO.	% LESS THAN
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CALIFORNIA PROP. 65 COMPONENTS	CAS NO.	% LESS THAN
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Cocoamidopropyl Betaine	61789-40-0	5 - 10%
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Constituent part: dichloroacetic acid 0.0054% CAS#79-43-6  
Known to the State of California to cause cancer and male reproductive toxicity  
RTK: Constituent part: Glycerol CAS# 56-81-5, 1-5%  
MA, RI, MN, NJ, PA  
RQ 1,000#

## SECTION 16 - OTHER INFORMATION

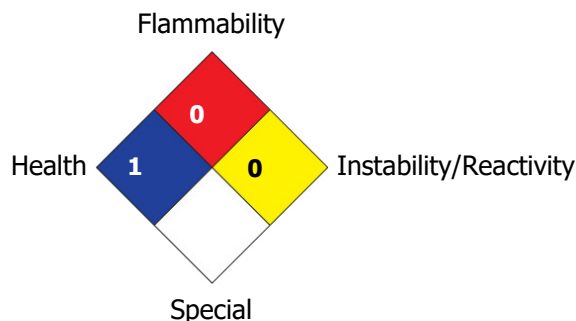
HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)

<b>Health Hazard</b>	<b>1</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</b>

Caution: HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks and 4 representing significant hazards or risks.

- A Safety Glasses
- B Safety Glasses, Gloves
- C Safety Glasses, Gloves, Apron
- D Face Shield, Gloves, Apron
- E Safety Glasses, Gloves, Dust Respirator
- F Safety Glasses, Gloves, Apron, Dust Respirator
- G Safety Glasses, Gloves, Vapor Respirator
- H Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
- I Safety Glasses, Gloves, Dust & Vapor Respirator
- J Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
- K Airline Hood or Mask, Gloves, Full Suit, Boots
- X Consult your supervisor for special handling directions

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)



NFPA warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health, and reactivity hazards of chemicals.

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