

MATERIAL SAFETY DATA SHEET

GM FOAM STABILIZER

SECTION I - Manufacturer Information

MANUFACTURED FOR AND SUPPLIED BY: TELEPHONE NO: (818) 908-1087
GM Foam, Inc DATE PREPARED: July 11, 2001
14956 Delano St. PREPARED BY: GM Foam, Inc
Van Nuys, CA 91411 PRODUCT USE: Latex Additive
DATE PRINTED: July 12, 2001
EMERGENCY CONTACT: (818) 908-1087

SECTION II - Product Information

NAME: Oleate Soap
CLASS: Potassium Oleate Soap

HMIS HAZARD CODES
Health: 1
Flammability: 1
Reactivity: 0
Personal Protective Equipment: X

COMPONENTS CHEMICAL IDENTITY CAS#/UN#	EXPOSURE LIMITS PEL / TLV / OTHER	TOXICITY LD50 / LC50
Oleic Acid 112-80-1	Not Available	Not Available
Potassium Hydroxide, KOH 1310-58-3	Not Available	Not Available

SECTION III - Physical / Chemical Characteristics

BOILING POINT: >212°C SPECIFIC GRAVITY (H₂O = 1): 0.9946
FREEZING POINT: 32°F pH: Not Available
VAPOR PRESSURE (mm Hg): Not Applicable ODOR THRESHOLD (ppm): Not Applicable
VAPOR DENSITY (AIR = 1): < Air COEF. WATER/OIL DIST.: Not Applicable
SOLUBILITY IN WATER: 10-99.99% EVAPORATION RATE: Slower
APPEARANCE (PHYSICAL STATE) AND ODOR: Amber liquid, soap odor
% VOLATILE BY VOLUME: 27.94% (relative to n-butyl acetate)

SECTION IV - Fire and Explosion Hazard Data

FLASH POINT: Not Available

FLAMMABILITY CLASSIFICATION:
OSHA: Not Available
DOT: Not Regulated for flammability

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear full protective clothing to guard against exposure to toxic and irritating fumes. Fire fighters should wear self contained breathing apparatus with a full facepiece operated in a positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Empty drums contain residual material which may decompose to emit toxic or irritating fumes if burned.

FLAMABLE LIMITS (%V in air):

LEL: Not Available UEL: Not Available

AUTOIGNITION TEMPURATURE: Not Determined

SENS. TO MECHANICAL IMPACT: Not Determined

SENS. TO STATIC DISCHARGE: Not Determined

HAZARDOUS COMBUSTION PRODUCTS: Not Available

SECTION V – Reactivity Data

SABILITY:

Stable

Unstable

CONDITIONS TO AVOID (Condition of Reactivity): None.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents. Liquid potassium hydroxide is a strong base – avoid contact with acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, CO₂. If dry rubber is heated or ignited, poisonous fumes and smoke will be emitted.

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: None

SECTION VI – Health Hazard Data

EFFECTS OF OVEREXPOSURE: THRESHOLD LIMIT VALUES: See Section V+C: This TVL is the CEILING LIMIT value which should not be exceeded. Ammonia vapor may collect at the top of sealed containers during storage. This vapor can cause irritation of the skin and respiratory system. Excessive skin contact could cause irritation or even an allergic dermatitis.

CARCINOGENICITY:

NTP: No

IARC: No

OSHA: No

SECTION VII – First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move to fresh air, get medical attention if necessary.

Ingestion: Drink large amounts of water. Consult a physician.

Skin Contact: Wash thoroughly with large amounts of soap and water. Consult a physician if irritation develops or persists. Remove contaminated clothing and wash before re-use

Eye Contact: Flush with water for 15 minutes. Get medical attention.

SECTION VIII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

Properly protected personnel should contain the spill. Soak it up with absorbent material. Shovel the absorbed material into containers for disposal.

Waste Disposal Method:

In accordance with all Federal, State and Local regulations. Empty containers retain product residue which may decompose to emit toxic or irritating fumes if burned.

Precautions to be taken in handling and storing:

Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Provide adequate ventilation during use.

Other Precautions:

None Known

SECTION IX – Control Measures

RESPIRATORY PROTECTION (Specify Type): If ventilation is inadequate, wear an appropriate respirator to prevent overexposure.

VENTILATION

Local Exhaust: Recommended to minimize exposure.

Mechanical (General): Recommended to minimize exposure.

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Chemical Safety Glasses or splash goggles to prevent eye contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: If needed to prevent unnecessary skin contact.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling.

ROUTES OF ENTRY: Skin contact, inhalation.

SECTION X – Special Precautions

HANDLING AND STORAGE PRECAUTIONS:

Avoid unnecessary skin contact with this product. Avoid breathing vapors. Teach employees proper handling procedures before using this product. Provide adequate ventilation during use.

OTHER PRECAUTIONS:

Store in a cool, dry location. Keep containers tightly sealed and upright when not in use. Keep from freezing.

SECTION XI – Additional Information

SPECIAL SHIPPING INFORMATION:

DOT SHIPPING NAME: Natural rubber latex, liquid

HAZARD CLASS:

UN/NA NUMBER: none/none

SARA TITLE III:

Section 302 – Extremely Hazardous Substances: does not contain

Section 311/312 – Categories for Tier I & Tier II reporting:

_____ Fire X Immediate (acute) Health _____ Reactivity
_____ Delayed (chronic) Health _____ Sudden Release of Pressure

Section 313 – Emissions reporting: All product ingredients with “yes” in the “Listed?” column are subject to the reporting requirements of Section 313. EPA lists chemical name & CAS# or by chemical category.

<i>CHEMICAL</i>	<i>CAS#</i>	<i>LISTED</i>	<i>%</i>
Oleic Acid	112-80-1	No	15-20
Potassium Hydroxide	1310-38-3	No	1-5

CALIFORNIA PROPOSITION 65:

This product does not contain any listed chemicals.

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA THAT IS ACCURATE AND RELIABLE TO THE BEST OF GM FOAM'S KNOWLEDGE AND BELIEF. WITH RESPECT TO THE INFORMATION AND RECOMMENDATIONS, GM FOAM MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND OR NATURE, EXPRESS OR IMPLIED.