

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

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Material Safety Data Sheet

Effective Date: 22-JAN-2000
Product: FOAMER

1. IDENTIFICATION

Chemical Name: FORMULATED MIXTURE
Chemical Family: SURFACTANTS
Formula: NA
Synonyms: FOAMING AGENT
CAS Number: NA
EPA Number: NONE REQUIRED

II. PHYSICAL DATA

Boiling Point: 100 DEGREES F.
Freezing Point: <40 DEGREES F.
Spec Gravity: 1.016 GMS/CC
Vapor Pressure: NA
Vapor Density: NA
Solubility: 100%
Volatiles: <1%
Evaporation: NA
Melting Point: NA
Appearance: BROWN TO YELLOW LIQUID, LOW ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
SODIUM ALPHA-OLEFIN SULFONATE AND FORMULATION AIDS		65.00	NOT AVAILAB LE	SKIN & EYE IRRITANT
INERT INGREDIENTS		35.00	NOT AVAILAB LE	NOT AVAILABLE

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >130 DEGREES F.
Autoignition Temp: NA
Flammable Limit: NA
Extinguishing Media: DRY CHEMICAL, FOAM, WATER SPRAY, AND CARBON
DIOXIDE.
Special Fire Fight Proc: WEAR SELF-CONTAINED BREATHING APPARATUS. AND
AVOID BREATHING FUMES.
Fire and Expl Hazard: NONE NOTED.

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V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: INGESTION MAY RESULT IN VOMITING AND ABDOMINAL CRAMPS.
Skin Absorption: NONE CURRENTLY KNOWN.
Inhalation: NONE CURRENTLY KNOWN.
Skin contact: MAY CAUSE IRRITATION AFTER REPEATED EXPOSURE.
Eye Contact: MAY CAUSE EYE IRRITATION.
Chronic Effects: NONE CURRENTLY KNOWN.
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: IF SWALLOWED, DILUTE BY GIVING WATER TO DRINK. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN IMMEDIATELY.
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN.
Inhalation: MOVE TO FRESH AIR IF IRRITATION IS NOTED.
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN.
Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT SHOULD BE DIRECTED TOWARD CONTROL OF THE SYMPTOMS.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: NONE CURRENTLY KNOWN.
Polymerization: Will Not Occur
Conditions to Avoid: NONE CURRENTLY KNOWN.
Incompatibility material: AVOID CONTACT WITH STRONG ACIDS.
Hazardous Combustion: MAY PRODUCE CARBON DIOXIDE AND/OR CARBON MONOXIDE UNDER FIRE CONDITIONS.

VI. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: DIKE AND ABSORB SPILL WITH AN ABSORBENT SUCH AS CLAY, SAND, OR SAWDUST. TRANSFER TO SUITABLE

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CONTAINERS FOR PROPER DISPOSAL. FLUSH SPILL
AREAWITH WATER, ABSORB AND PLACE IN SAME
CONTAINERS WITH OTHER MATERIAL.
Waste Disposal Method: THIS MATERIAL MUST BE DISPOSED OF ACCORDING TO
FEDERAL, STATE, OR LOCAL PROCEDURES UNDER THE
RESOURCE CONSERVATION AND RECOVERY ACT.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: NONE NEEDED UNDER NORMAL CONDITIONS.
Ventilation: LOCAL EXHAUST SUFFICIENT.
Gloves: IMPERVIOUS
Eyes: CHEMICAL WORKERS GOGGLES.
Other: EYE WASH STATION, IMPERVIOUS APRON AND
FOOTWEAR.

IX. SPECIAL PRECAUTIONS

Special precaution: KEEP OUT OF REACH OF CHILDREN. DO NOT STORE
WITH FOOD, FEED, OR OTHERMATERIAL TO BE USED OR
CONSUMED BY HUMANS OR ANIMALS. DO NOT
CONTAMINATEWATER SUPPLIES, LAKES, STREAMS, OR
PONDS.
Other precaution: A) RCRA HAZARDOUS WASTE NUMBER:----- D001,
IGNITABILITY.
B) CERCLA REPORTABLE QUANTITY:----- 100 LBS
PRODUCT AS D001 WASTE

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE
Placarding: NONE
Freight Class: ADJUVANT, SPREADER OR STICKER, LIQUID, NOIBN
Chemical Name Equivalent R.Q.
NA NA

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XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 2 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N
Sudden Release of pressure: N Fire: Y
Reactive: N

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is factual. This data is not to be taken as a warranty or
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for your consideration, investigation and verification.