

DYNE-AMIC

Helena Chemical Company
 PH: 1-901-761-0050
CHEMTREC: 1-800-424-9300
Effective Date: 01-23-00
Product: DYNE-AMIC

I. IDENTIFICATION

Chemical Name: NONIONIC ORGANOSILICONE SURFACTANT

Chemical Family: SURFACTANTS

Formula: NOT APPLICABLE, FORMULATED MIXTURE.

Synonyms: NONE

CAS Number: TRADE SECRET

EPA Number: CAL. REG. NO. 5905-50071-AA

II. PHYSICAL DATA

Boiling Point: >300 DEGREES F.

Freezing Point: <20 DEGREES F.

Spec Gravity: 0.910 GMS/CC

Vapor Pressure: NOT ESTABLISHED

Vapor Density: NIL

Solubility: 100% @ 25 DEGREES C.

Volatiles: <.5%

Evaporation: NOT APPLICABLE

Melting Point: NOT APPLICABLE

Appearance: LIGHT AMBER LIQUID, WITH MILD ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF POLYALKYLENE OXIDE MODIFIED POLYDIMETHYL SILOXANE, NONIONIC EMULSIFIERS, AND METHYLATED VEGETABLE OILS		100.00	15 MG/M3	MAY CAUSE SKIN & EYE IRRITATION

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >250 DEGREES F. (TCC)

Autoignition Temp: >750 DEGREES F.

Flammable Limit: NOT ESTABLISHED

Extinguishing Media: ALCOHOL FOAM, DRY CHEMICAL AND CARBON DIOXIDE. WATER MAY BE INEFFECTIVE.

Special Fire Fight Proc: USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTING CLOTHING. STAY UPWIND AND FIGHT FIRE AT A SAFE DISTANCE.

Fire and Expl Hazard: WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL.

V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: THE ACUTE ORAL LD50 (RATS) = GREATER THAN 5,050 MG/KG. EPA CATEGORY IV.

Skin Absorption: THE ACUTE DERMAL LD50 (RABBITS) = GREATER THAN 2,020 MG/KG. EPA CATEGORY III.

Inhalation: THERE IS NO LC50 FOR THIS MATERIAL SINCE NO FATALITIES OCCURRED AT THE HIGHEST ATMOSPHERIC CONCENTRATION ACHIEVABLE IN THIS STUDY.

Skin contact: MAY CAUSE SLIGHT SKIN IRRITATION WITH PROLONGED OR REPEATED CONTACT. EPA CATEGORY IV.

Eye Contact: MAY CAUSE SLIGHT EYE IRRITATION WITH DIRECT CONTACT. EPA CATEGORY IV.

Chronic Effects: NONE CURRENTLY KNOWN.

Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: DO NOT INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

Skin: REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER. CALL A

DOCTOR IF IRRITATION DEVELOPS OR PERSISTS.

Inhalation: MOVE TO FRESH AIR AND CALL A DOCTOR IF IRRITATION DEVELOPS OR PERSISTS.

Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. IMMEDIATELY CALL A DOCTOR.

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: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Polymerization: Will Not Occur

Conditions to Avoid: NONE CURRENTLY KNOWN.

Incompatibility material: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Combustion: MAY PRODUCE CARBON DIOXIDE AND CARBON MONOXIDE UNDER FIRE CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: DIKE AND ABSORB SPILL WITH AN ABSORBENT SUCH AS CLAY, SAND, OR SAWDUST. TRANSFER TO SUITABLE CONTAINERS FOR PROPER DISPOSAL. FLUSH SPILL AREA WITH 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: USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR/MIST IS PRESENT.

Ventilation: MECHANICAL

Gloves: IMPERVIOUS

Eyes: SPLASH PROOF 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 OTHER MATERIAL TO BE USED OR CONSUMED BY HUMANS OR ANIMALS. DO NOT CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR PONDS.

Other precaution:

A) RCRA HAZARDOUS WASTE NUMBER: NOT LISTED

B) SARA TITLE III, SECTION 313: NOT LISTED

C) SARA THRESHOLD PLANNING QUANTITY: NOT LISTED

D) CERCLA REPORTABLE QUANTITY: NOT LISTED

E) 49 CFR 172.101, APPENDIX A: NOT LISTED

F) 49 CFR 172.101, APPENDIX B: NOT LISTED

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA (AIR), OR IMDG (WATER).

Hazard Class: NONE

Identification No: NONE

Labels Required: NONE REQUIRED

Placarding: NONE REQUIRED

Freight Class: ADJUVANT, SPREADER OR STICKER, LIQUID, NOIBN

Chemical Name	Equivalent R.Q.
NOT APPLICABLE	NOT APPLICABLE

XI. GENERAL PRODUCT INFORMATION

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

Health: 1

Fire: 1

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: N

Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017

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