

COHERE

Helena Chemical Company
 PH: 901-761-0050
CHEMTREC: 1-800-424-9300
Effective Date: 03-16-00
Product: COHERE

I. IDENTIFICATION

Chemical Name: NONIONIC SPREADER-STICKER BLEND
Chemical Family: NONIONIC ADJUVANTS/SURFACTANTS
Formula: NOT APPLICABLE, FORMULATED MIXTURE.
Synonyms: NONE
CAS Number: TRADE SECRET
EPA Number: CAL. REG. NO. 5905-50083-AA

II. PHYSICAL DATA

Boiling Point: NOT DETERMINED
Freezing Point: <35 DEGREES F.
Spec Gravity: 0.980 GMS/CC
Vapor Pressure: NOT DETERMINED
Vapor Density: LESS THAN AIR
Solubility: MODERATE
Volatiles: 10% BY WEIGHT
Evaporation: < ETHYL ETHER
Melting Point: NOT APPLICABLE
Appearance: CLEAR AMBER LIQUID, SURFACTANT ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF ALKANOLAMINE SURFACTANTS, ALKYLARYL POLYETHOXY-ETHANOL SULFATES AND 1,2-PROPANEDIOL		100.00	10 MG/M3	MILD SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >150 DEGS. (SETA)
Autoignition Temp: NOT DETERMINED
Flammable Limit: NOT DETERMINED
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICALS, SYNTHETIC FOAM OR WATER. TYPE BC OR ABC EXTINGUISHERS.
Special Fire Fight Proc: USE SELF-CONTAINED BREATHING APPARATUS FOR MAXIMUM RESPIRATORY PROTECTION. WATER MAY BE USED TO COOL CONTAINERS IF NOT RUPTURED OR LEAKING.
Fire and Expl Hazard: STRONG ACIDS AND BASES REACT WITH ALUMINUM TO FORM HYDROGEN WHICH IS EXPLOSIVE IF IGNITED. FLUOROCARBONS WILL DEVELOP PRESSURE IN CONTAINERS HEATED ABOVE 75 DEG F.

V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.
ACUTE EFFECTS OF OVER EXPOSURE
Swallowing: MAY CAUSE IRRITATION OF THE MOUTH AND THROAT. Skin Absorption: PROLONGED OR REPEATED CONTACT MAY RESULT IN SKIN IRRITATION.
Inhalation: VAPORS OR MISTS MAY IRRITATE THE RESPIRATORY PASSAGES.
Skin contact: PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE IRRITATION.
Eye Contact: CONTACT WITH EYES MAY CAUSE IRRITATION.
Chronic Effects: OVER EXPOSURE TO VAPOR GENERATED AT HIGH TEMPERATURES MAY RESULT IN EYE AND RESPIRATORY TRACT IRRITATION, DIZZINESS, NAUSEA AND THE INHALATION OF HARMFUL AMOUNTS OF MATERIAL.
Other Hazard: SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.
EMERGENCY AND FIRST AID PROCEDURES
Swallowing: IF SWALLOWED, CONSULT A PHYSICIAN IMMEDIATELY. DRINK A LARGE QUANTITY

OF MILK, EGG WHITES, GELATIN SOLUTION, OR IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER. AVOID ALCOHOL.

Skin: WASH CONTAMINATED AREAS THOROUGHLY WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.

Inhalation: IF VAPORS OR MIST CAUSE DISTRESS, REMOVE TO FRESH AIR. USE OXYGEN OR ARTIFICIAL RESPIRATION, IF NEEDED.

Eyes: IN CASE OF CONTACT WITH EYES, IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.

Notes to Physician: THERE IS NO SPECIFIC ANTIDOTE FOR THIS PRODUCT. TREATMENT SHOULD BE DIRECTED TOWARD CONTROL OF THE SYMPTOMS AND THE CLINICAL CONDITION OF THE PATIENT.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: EXCESSIVE HEAT, SPARKS OR FLAME.
Polymerization: Will Not Occur
Conditions to Avoid: EXCESSIVE HEAT, SPARKS OR FLAME.
Incompatibility material: AVOID STRONG OXIDIZING AGENTS.
Hazardous Combustion: BURNING CAN PRODUCE NITROUS OXIDES AND AMMONIACAL VAPORS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: DIKE SPILL. ABSORB WITH INERT MATERIAL AND COLLECT FOR DISPOSAL. FLUSH AREA WITH WATER. PREVENT WASHINGS FROM ENTERING WATERWAYS. SPILLS MAY BE REPORTABLE TO THE NATIONAL RESPONSE CENTER (800-424-8802).

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: NIOSH/MSHA APPROVED RESPIRATOR WHENEVER YOU ARE LIKELY TO BE EXPOSED TO VAPOR OR MIST.
Ventilation: PROVIDE ADEQUATE VENTILATION TO KEEP INGREDIENTS BELOW THE TLV.
Gloves: IMPERVIOUS (PVC-COATED)
Eyes: SPLASH GOGGLES
Other: EMERGENCY SHOWER, EYE WASH STATION, PROTECTIVE 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 WITH RINSATE FROM CONTAINERS OR EQUIPMENT. DO NOT GET IN EYES. AVOID CONTACT WITH SKIN AND CLOTHING. AVOID BREATHING VAPORS. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.
Other precaution: NONE REQUIRED

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA OR IMO.
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE
Placarding: NONE
Freight Class: ADHESIVE, ADJUVANTS, SPREADERS OR STICKERS, LIQUID, NOIBN (NMFC 4612, CLASS 60)

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: 2
Reactivity: 0
S.A.R.A. Title III Hazard Classification: (Yes/No)
Immediate (Acute) Health: Y
Delayed (Chronic) Health: Y
Sudden Release of pressure: N
Fire: N
Reactive: N

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