

Material Safety Data Sheet

Effective Date: 16-MAR-2000
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 POLYETHOXYETHANOL 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

Material Safety Data Sheet

Effective Date: 16-MAR-2000
Product: COHERE

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

Material Safety Data Sheet

Effective Date: 16-MAR-2000

Product: COHERE

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

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

23-DEC-2002 13:02:14
Page 4 Of 4

Material Safety Data Sheet

Effective Date: 16-MAR-2000
Product: COHERE

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
Sudden Release of pressure: N
Reactive: N

Delayed (Chronic) Health: Y
Fire: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
Helena Chemical Company believes that the data contained herein is factual.
This data is not to be taken as a warranty or representation of legal
responsibility. It is offered solely for your consideration, investigation
and verification.