

SHEREX CHEMICAL CO INC -- AROSURF MSF -- 6850-00N028494

===== Product Identification =====

Product ID: AROSURE MSF
 MSDS Date: 10/31/1990
 FSC: 6850
 NIIN: 00N028494
 MSDS Number: BMXZP
 === Responsible Party ===
 Company Name: SHEREX CHEMICAL CO INC
 Box: 646
 City: DUBLIN
 State: OH
 ZIP: 43017
 Country: US
 Info Phone Num: 614-764-6548
 Emergency Phone Num: 614-890-5319
 CAGE: 5S938

==== Contractor Identification ====
 Company Name: SHEREX CHEMICAL CO
 Address: 5200 PAUL BLAZER MEMORIAL PKY
 Box: 646
 City: DUBLIN
 State: OH
 ZIP: 43017
 Country: US
 CAGE: 5S938

===== Composition/Information on Ingredients =====

Ingred Name: POLY(OXY-1,2-ETHANEDIYL)-ALPHA-ISOOCTADECYL-OMEGA-HYDROXY-
 CAS: 52292-17-8
 RTECS #: TR1581600
 Fraction by Wt: 100%

Ingred Name: GLYCOL ETHERS (ING 2 IS PART OF ING 1)
 Fraction by Wt: 52%

===== Hazards Identification =====

LD50 LC50 Mixture: LD50: (ORAL RAT) >20 GM/KG
 Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES
 Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
 Health Hazards Acute and Chronic: BY NATURE OF PRODUCT, NO HAZARDS ARE
 EXPECTED, HOWEVER, ALL INDUSTRIAL CHEMICALS SHOULD BE HANDLED WITH
 CAUTION TO AVOID OVEREXPOSURE.
 Explanation of Carcinogenicity: NOT RELEVANT
 Effects of Overexposure: SEE HEALTH HAZARDS.
 Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid: INHAL: NOT APPLICABLE. REMOVE TO FRESH AIR. SUPPORT BREATHING
 (GIVE ARTIFICIAL RESPIRATION/O2) . SKIN: WASH THOROUGHLY WITH PLENTY
 OF SOAP AND WATER. IF IRRITATION PERSISTS, GET MD ATTENTION. EYE:
 FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, CONSULT
 MD. INGEST: IMMEDIATELY DRINK 2 LARGE GLASSES OF WATER. CALL MD.

=====
Fire Fighting Measures
=====

Flash Point Method:PMCC
Flash Point:>200F,>93C
Extinguishing Media:DRY CHEMICAL, WATER FOG, REGULAR FOAM.
Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .
WATER/FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT, ESP IF SPRAYED
INTO (SUPDAT)
Unusual Fire/Explosion Hazard:NONE KNOWN

=====
Accidental Release Measures
=====

Spill Release Procedures:PERSON NOT WEARING PROT EQUIP SHOULD BE
EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP IS COMPLETED. STOP SPILL
AT SOURCE & DIKE AREA OF SPILL TO PREV SPREADING. PUMP LIQ TO
SALVAGE TANK. REMAINING LIQ MA Y BE ABSORB ON ABSORB MATL &
SHOVELED INTO CONTR.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====
Handling and Storage
=====

Handling and Storage Precautions:EXERCISE CAUTN WHEN HANDLING CNTNTS.
DO NOT CONTAM WATER/FOOD/FEED BY STORAGE/DISP. STORE IN COOL, DRY
PLACE W/ADEQ VENT. DO NOT STORE NEAR HEAT.
Other Precautions:WHENEVER POSS, USE MECH MEANS TO MOVE LRG/HVY OBJECTS
TO HELP PREV BACK INJURY. KEEP OUT OF REACH OF CHILDREN. AVOID
CONTACT W/ SKIN/EYES/CLTHG. EPA REGIST PESTICIDE. KEEP IN
CLSD/COVERED CONTRS WHEN NOT IN USE. DO NOT STORE NEAR OPEN FLAME

=====
Exposure Controls/Personal Protection
=====

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.
WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF
CONCERN .
Ventilation:USE WITH ADEQUATE VENTILATION.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH THOROUGHLY WITH SOAP AND WATER AFTER
HANDLING. WASH W/ SOAP AND WATER BEFORE EATING, DRINKING, SMOKING,
(SUPDAT)
Supplemental Safety and Health
PH:6-8 AT 1% IN WATER. FIRE FIGHT PROC: CONTAINERS OF HOT, BURNING
LIQUID. HYGENIC PRAC:USING TOILET FACILITY.

=====
Physical/Chemical Properties
=====

HCC:N1
Boiling Pt:B.P. Text:>425F,>218C
Vapor Density:HVR/AIR
Spec Gravity:0.90 @ 80F
pH:SUPDAT
Evaporation Rate & Reference:>1 (ETHYL ETHER = 1)
Solubility in Water:INSOLUBLE
Appearance and Odor:LIQUID AT 77F.
Percent Volatiles by Volume:<1

=====
Stability and Reactivity Data
=====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NOT AVAILABLE

=====
===== Disposal Considerations =====

Waste Disposal Methods:INCIN IS RECOMMENDED DISP METHOD FOR ALL CHEM WASTES, ALTHOUGH MATL MAY BE LANDFILLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THIS PRODUCT, IF DISPOSED OF, IS NOT CONSIDERED A HAZ WASTE UNDER CURRENT RCRA REGS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.