

Material Safety Data Sheet

Effective Date: 11-AUG-1997  
Product: SPEC 90/10

I. IDENTIFICATION

Chemical Name: NONIONIC SURFACTANT  
Chemical Family: SURFACTANTS  
Formula: NOT APPLICABLE, FORMULATED MIXTURE.  
Synonyms: NONE  
CAS Number: NOT APPLICABLE, FORMULATED MIXTURE.  
EPA Number: NOT APPLICABLE

II. PHYSICAL DATA

Boiling Point: >200 DEGREES F.  
Freezing Point: <35 DEGREES F.  
Spec Gravity: 1.000 GMS/CC  
Vapor Pressure: NOT DETERMINED  
Vapor Density: 2.1  
Solubility: 100%  
Volatiles: 4 - 5%  
Evaporation: NOT DETERMINED  
Melting Point: NOT APPLICABLE  
Appearance: CLEAR/YELLOW LIQUID, ALCOHOL ODOR

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF ALKYL ARYL POLYOXYETHYLENE ETHER, GLYCOLS, FREE FATTY ACIDS AND ISOPROPANOL		100.00	983 MG/KG	MILD SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >150 DEGREES F.  
Autoignition Temp: 750 DEG F (ESTIMATE)  
Flammable Limit: NOT APPLICABLE  
Extinguishing Media: ALCOHOL FOAM, DRY CHEMICAL AND CARBON DIOXIDE.  
Special Fire Fight Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND  
AVOID BREATHING FUMES. WATER SPRAY MAY BE  
INEFFECTIVE.  
Fire and Expl Hazard: NONE CURRENTLY KNOWN.

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V. HEALTH HAZARD  
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Carcinogen Information: NOT LISTED AS A CARCINOGEN

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: MAY BE HARMFUL IF SWALLOWED.  
Skin Absorption: NONE CURRENTLY KNOWN.  
Inhalation: MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT.  
Skin contact: PROLONGED SKIN CONTACT MAY CAUSE MILD  
IRRITATION.  
Eye Contact: DIRECT EYE CONTACT WITH LIQUID MAY CAUSE  
IRRITATION.  
Chronic Effects: NONE CURRENTLY KNOWN.  
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: RINSE OUT MOUTH AND DRINK 2 GLASSES OF WATER.  
DO NOT INDUCE VOMITING. OBTAIN MEDICAL  
ATTENTION IMMEDIATELY.  
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF  
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.  
Inhalation: MOVE TO FRESH AIR IF IRRITATION IS NOTED.  
CONSULT A PHYSICIAN IF IRRITATION PERSISTS.  
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 AND THE CLINICAL CONDITION OF THE  
PATIENT.

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VI. REACTIVITY  
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Stability: Stable  
Conditions to Avoid: EXCESSIVE TEMPERATURES AND OPEN FLAMES.  
Polymerization: Will Not Occur  
Conditions to Avoid: NONE CURRENTLY KNOWN.  
Incompatibility material: NONE CURRENTLY KNOWN.  
Hazardous Combustion: MAY PRODUCE OXIDES OF CARBON UNDER FIRE  
CONDITIONS.

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VI. SPILL OR LEAK PROCEDURES  
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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.

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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: IF SPRAY IS PRESENT, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION.

Ventilation: LOCAL EXHAUST SUFFICIENT

Gloves: IMPERVIOUS

Eyes: CHEMICAL WORKERS GOGGLES.

Other: EYE WASH STATION, IMPERVIOUS APRON AND FOOTWEAR.

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IX. SPECIAL PRECAUTIONS  
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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. KEEP CONTAINERS TIGHTLY CLOSED. KEEP AWAY FROM HEAT, SPARKS OR FLAMES.

Other precaution: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

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X. SHIPPING INFORMATION  
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Shipping name: REGULATED BY DOT IN SINGLE CONTAINERS OF 119  
GALLONS OR MORE.

Hazard Class: NONE  
Identification No: NONE

Labels Required: NONE REQUIRED  
Placarding: NONE REQUIRED

Freight Class: ADHESIVE, ADJUVANTS, SPREADERS OR STICKERS,  
LIQUID, N.O.I.(NMFC ITEM 4610, CLSS 60)

Chemical Name  
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Equivalent R.Q.  
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NOT APPLICABLE

NOT APPLICABLE

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XI. GENERAL PRODUCT INFORMATION  
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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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