

POLYCHEM CORP -- E-PHICIENT II DETERGENT -- 6850-01-196-6210

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

Product ID:E-PHICIENT II DETERGENT

MSDS Date:02/09/1990

FSC:6850

NIIN:01-196-6210

MSDS Number: BJSJM

=== Responsible Party ===

Company Name:POLYCHEM CORP

Address:12 LYMAN ST

City:NEW HAVEN

State:CT

ZIP:06511-1514

Country:US

Info Phone Num:203-777-7363, 203-243-3093

Emergency Phone Num:203-777-7363

CAGE:

51954

=== Contractor Identification ===

Company Name:KRASITYS MEDICAL AND SURGICAL

CAGE:2T036

Company Name:POLYCHEM CORP

Address:12 LYMAN ST

Box:City:NEW HAVEN

State:CT

ZIP:06511-1514

Country:US

Phone:203-243-3093

CAGE:51954

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

Ingred Name:BENZENESULFONIC ACID, DODECYL-, SODIUM SALT (SODIUM
DODECYLBENZENE SULFONATE)

CAS:25155-30-0

RTECS #:DB6825000

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ALKOXYLATED LINEAR ALC

OHOL
CAS:69013-18-9

Ingrid Name:SUP DATA:OF ENTIRE SURFACE OF EYE & LIDS W/WTR.DO NOT
ATTEMPT TO NEUTRALIZE W/CHEM AGENTS.GET MD ATTN ASAP.OILS (ING 4)
RTECS #:9999999ZZ

Ingrid Name:OR OINTMENTS SHOULD NOT BE USED AT THIS TIME.CONTINUE
FLUSHING FOR AN ADDITIONAL 15 MINUTES IF MD IS NOT IMME AVAILABLE.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50:(ORAL) 630-1260 MG/KG (RAT)
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CHRONIC:REPEATED EXCESSIVE INGESTION
MAY CAUSE NERVOUS SYSTEM EFFECTS. CAN BE HARMFUL TO BONES.
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:EYE:CAN CAUSE SEVERE EYE IRRITATION.
INHAL:VAPOR INHALATION COULD CAUSE IRRITATION OF UPPER RESPIRATORY
TRACT. SKIN:MAY CAUSE LOCAL SKIN IRRITATION OR RASH. INGEST:MAY
CAUSE NAUSEA. TETRASODIUM EDTA WILL SEQUESTER CALCIUM WHICH CAN BE
HARMFUL TO BONES.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST:DO NOT INDUCE VOMIT. GIVE GLASS OF WATER. IF VOMIT
DOES OCCUR GIVE FLUIDS AGAIN. DO NOT GIVE ANYTHING TO
UNCON/CONVULSING PERSON. HAVE MD DETERMINE IF EVACUATION OF
STOMACH/INDUCTION OF VOMIT IS NECESSARY. INHAL:IF ANY ILL EFFECTS
NOTICED, REMOVE TO FRESH AIR. SKIN:WASH OFF W/MILD SOAP & WATER.

RINSE W/COPIOUS AMTS OF WATER. IF DRY SKIN RESULTS APPLY
MOISTURIZING CREAM/LOTION. (SEE SUPP DATA)

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

Flash Point:NON-COMBUSTIBLE
Extinguishing Media:ALL TYPES OF EXTINGUISHING MEDIA ARE APPROPRIATE.
Fire Fighting Procedures:NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE
EQUIPMENT REQUIRED.
Unusual Fire/Explosion Hazard:FIRE MAY PRODUCE IRRIT GAS,FUMES,VAPOR
(CARBON MONOXIDE, PROPIONALDEHYDE). EXPOSED FIREFIGHTERS SHOULD

D

WEAR NIOSH/MSHA APPRVD SCBA W/FULL FACE MASK/FULL PROT EQUIP.

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

Spill Release Procedures:SOAK UP SPILLED LIQUID WITH ABSORBENT MATERIAL. PLACE MATERIAL IN CHEMICAL WASTE CONTAINER FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. DO NOT STORE IN A HOT ENVIRONMENT. FOAMS PRO FUSELY WHEN HIT WITH A STREAM OF WATER.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .
Ventilation:GENERAL ROOM VENTILATION IS SUFFICIENT.
Protective Gloves:GENERAL RUBBER GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES.
Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING, SMOKING OR USING SANITARY FACILITIES .
Supplemental Safety and Health
HAZ DECOMP PRODS:MONOXIDE COULD BE EMITTED IN PRESENCE OF LIMITED OXYGEN. ALDEHYDES, ACIDS & KETONES COULD ALSO BE RELEASED. CNDTNS (STAB):W/BLEACH. DO NOT EXPOSE TO HIGH HEAT. FIRST AID:EYE:IMMED FLU SH W/LG QTYS OF RUNNING WATER FOR AT LEAST 15 MINS. HOLD LIDS APART DURING FLUSHING TO ENSURE RINSING (SEE INGRED 3)

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

Spec Gravity:1.032
Solubility in Water:SOLUBLE
A
pppearance and Odor:CLEAR, LIGHT BLUE LIQUID WITH A SLIGHT AMMONICAL ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING MATERIALS (E.G.CHROMIC ACID, POTASSIUM PERMANGANATE & HIGH CONCENTRATIONS OF HYDROGEN PEROXIDE).
Stability Condition to Avoid:CNTCT W/STRONG ACIDS (E.G.SULFURIC ACID, NITRIC ACID, HYDROCHLORIC ACID & PERCHLORIC ACID). DO NOT MIX (SEE SUPP DATA)
Hazardous Decomposition Products:IR

RIT/TOXIC SUBSTANCES MAY BE EMITTED
UPON THERMAL DECOMP. IN FIRE SITUATION, PROPIONALDEHYDE & CARBON
(SEE SUPP DATA)

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL, STATE AND LOCAL
REGULATIONS.

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 i
mplied, 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.