

ULTRACHEM INC. -- AF#1, ASSEMBLY FLUID #1 -- 9150-00-159-5012

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Product Identification  
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Product ID:AF#1, ASSEMBLY FLUID #1

MSDS Date:04/01/1997

FSC:9150

NIIN:00-159-5012

MSDS Number: CDQLB

=== Responsible Party ===

Company Name:ULTRACHEM INC.

Address:1400 N. WALNUT STREET

Box:2053

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Num:302-571-8520

Emergency Phone Num:302-571-8520

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AGE:KO345

=== Contractor Identification ===

Company Name:ULTRACHEM INC

Address:900 CENTERPOINT BLVD

Box:City:NEW CASTLE

State:DE

ZIP:19720

Country:US

Phone:302-325-9880

CAGE:56385

Company Name:ULTRACHEM INC.

Address:1400 N. WALNUT STREET

Box:2053

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Phone:302-571-8520

CAGE:KO345

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Composition/Information on Ingredients  
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Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY  
PARAFFINIC (INTERCHANGEABLE NEUT

RAL OILS)  
CAS:64742-65-0  
RTECS #:PY8038500  
Fraction by Wt: 50-60%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC (INTERCHANGEABLE  
NEUTRAL OILS)

CAS:64742-54-7  
RTECS #:PY8035500  
Fraction by Wt: 50-60%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:300 PPM  
ACGIH TLV:300 PPM

Ingred Name:MINERAL OIL, SOLVENT REFINED HEAVY PARAFFINIC, SEVERELY  
HYDROTREATED (NON-CARCINOGENIC - IARC) (INTERCHANGEABLE OILS)

CAS:64741-88-4  
RTECS  
#:PY8040501  
Fraction by Wt: 50-60%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:2-PROPENOIC ACID, 2-METHYL-, EICOSYL ESTER, POLYMER

CAS:68171-46-0  
Fraction by Wt: 40-50%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 5 G/KG  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PROLONGED OR REPEATED SKIN CONTACT

W/THIS PRODUCT TENDS TO REMOVE SKIN OILS POSSIBLY LEADING TO  
IRRITATION & DERMATITIS.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS  
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION, DERMATITIS  
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:EYES:FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MIN. CONSULT  
PHYSICIAN IF IRRITATION PERS

ISTS. SKIN:WASH W/SOAP & WATER.

INHALATION:NO HAZARD AT AMBIENT TEMPERATURES. INGESTION:GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:375F,191C

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, OR DRY CHEMICAL.

Fire Fighting Procedures:IF CLOSED DRUMS ARE EXPOSED TO FIRE, KEEP COOL W/WATER SPARAY TO PREVENT PRESSURE BUILDUP. WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual

Fire/Explosion Hazard:TOXIC FUMES MAY BE GIVEN OFF WHEN MATERIAL IS EXPOSED TO FIRE.

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

Spill Release Procedures:RECOVER FREE PRODUCT. AVOID SKIN CONTACT. REMOVE SATURATED CLOTHING & WASH AFFECTED SKIN AREAS W/SOAP & WATER.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:STORE IN CLEAN DRY AREA. TYPE O-INDEFI

NITE SHELF LIFE.

Other Precautions:HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS & SYNTHETIC LUBRICANTS POSE POTENTIAL HEALTH RISK WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS OR FUMES SHOULD BE MINIMIZED.

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

Respiratory Protection:MINIMIZE BREATHING VAPOR, MIST, FUMES.

Ventilation:NONE REQUIRED AT AMBIENT TEMPERATURES. USE LOCAL EXHAUST TO CAPTURE VAPOR,

MIST OR FUMES. PROVIDE >60 FT/MIN HOOD VEL.

Protective Gloves:CHEMICAL IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH FACILITY.

Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.

Supplemental Safety and Health

NONE

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

HCC:V6

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:>600F,>316C

Vapor Pres: