

ULTRACHEM INC -- ASSEMBLY FLUID #1 -- 9150-00-159-5012

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

Product ID:ASSEMBLY FLUID #1
MSDS Date:06/01/2000
FSC:9150
NIIN:00-159-5012
Status Code:A
MSDS Number: CLCRG
=== Responsible Party ===
Company Name:ULTRACHEM INC
Address:900 CENTERPOINT BLVD
City:NEW CASTLE
State:DE
ZIP:19720
Country:US
Info Phone Num:302-325-9880
Emergency Phone Num:302-325-9880
Preparer's
Name:NOT PROVIDED.
CAGE:56385
=== Contractor Identification ===
Company Name:ULTRACHEM INC
Address:900 CENTERPOINT BLVD
Box:City:NEW CASTLE
State:DE
ZIP:19720
Country:US
Phone:302-325-9880
Contract Num:SP0450-01-M-LC96
CAGE:56385

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

Ingred Name:INTERCHANGEABLE NEUTRAL OILS
CAS:64742-65-0
RTECS #:PY8038500
Minumum % Wt:30.
Maxumum % Wt:60.
Other REC Limits:NOT PROVIDED
OSHA PEL:5 MG/M3 OIL MIST
OSHA STEL:NONE
ACGIH STEL:10 MG/M3

OIL MIST

Ingred Name:INTERCHANGEABLE NEUTRAL OILS

CAS:64741-88-4

RTECS #:PY8040500

Minumum % Wt:30.

Maxumum % Wt:60.

Other REC Limits:NOT PROVIDED

OSHA PEL:5 MG/M3 (OIL MIST)

OSHA STEL:NONE

ACGIH STEL:10 MG/M3 (OIL MIST)

Ingred Name:ACRYLIC COPOLYMER

CAS:68171-46-0

Code:F

Minumum % Wt:40.

Maxumum % Wt:70.

Other REC Limits:NOT PROVIDED

OSHA STEL:NONE

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

LD50 LC50 Mixture:NOT PROVIDED.

Reports of Carcinogenicity:NTP:NO IARC:N

O OSHA:NO

Health Hazards Acute and Chronic:EFFECTS OF OVEREXPOSURE: LOW ORAL AND DERMAL TOXICITY. PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION, NAUSEA, AND VOMITING.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:LOW ORAL AND DERMAL TOXICITY. PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION, NAUSEA, AND VOMITING.

Medical Cond Aggravated by Exposure:NOT PROVIDED.

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

First Aid:EYE CONTACT: FLUSH

EYES WITH WATER FOR 15 MINUTES. CALL A

PHYSICIAN IF IRRITATION DEVELOPS. SKIN CONTACT: WASH SKIN WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: FIRST AID NOT NORMA LLY REQUIRED. IF UNCOMFORTABLE, CALL PHYSICIAN.

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

Flash Point:=150.C, 302.F

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/E

Upper Limits:N/E

Extinguishing Media:DRY CHEMICAL; CO2 FOAM; WATER SPRAY

Fire Fighting Procedures:B

BURNING MAY PRODUCE IRRITATING/NOXIOUS FUMES.

FIREFIGHTERS SHOULD USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS. USE WATER TO COOL FIRE-EXPOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP.

Unusual Fire/Explosion Hazard:NOT PROVIDED.

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

Spill Release Procedures:USE ABSORBENT MATERIALS TO SOAK UP FLUID.
Neutralizing Agent:NOT RELEVANT.

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

Handling and Storage Precautions:STORE IN CLEAN, DRY AREA.
Other Precautions:NOT PROVIDED.

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

Respiratory Protection:USE IN A WELL VENTILATED AREA.
Ventilation:USE IN A WELL VENTILATED AREA.
Protective Gloves:CHEMICAL IMPERVIOUS GLOVES NOT REQUIRED, BUT RECOMMENDED FOR PROLONGED CONTACT.
Eye Protection:AVOID CONTACT WITH EYES.
Other Protective Equipment:NOT PROVIDED.
Work Hygienic Practices:FOR GENERAL PERSONAL HYGIENE, WASH HANDS

THOROUGHLY AFTER HANDLING MATERIAL. AVOID CONTACT WITH SKIN AND EYES.

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:V6
NRC/State Lic Num:NOT RELEVANT.
Boiling Pt:>93.3C, 200.F
B.P. Text:NEUTRAL OIL
Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED.
Decomp Temp:Decomp Text:NOT

PROVIDED.
Vapor Pres:NEGLIGIBLE
Spec Gravity:0.92
pH:NOT RELEVANT.
Viscosity:1550 CST @ 100C/212F
Evaporation Rate & Reference:NOT PROVIDED.
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR, AMBER, VISCOUS LIQUID. MILD PETROLEUM ESTER
ODOR.
Percent Volatiles by Volume:NOT PROVIDED
Corrosion Rate:NOT PROVIDED.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS
Stability Condition to Avoid:WILL NOT REAC
T WITH WATER.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
METHACRYLATE MONOMERS

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED.

===== Ecological Information =====

Ecological:NOT PROVIDED.

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

Waste Disposal Methods:INCINERATE THIS PRODUCT AND ALL ASSOCIATED
WASTES IN A LICENSED FACILITY IN ACCORDANCE WITH
FEDERAL, STATE,
AND LOCAL REGULAITONS.

===== MSDS Transport Information =====

Transport Information:NOT PROVIDED.

===== Regulatory Information =====

SARA Title III Information:NOT PROVIDED.
Federal Regulatory Information:NOT PROVIDED.
State Regulatory Information:NOT PROVIDED.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):
This in

formation 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.