

HULS AMERICA INC. -- MIL-L-63460D -- 9150-01-079-6124

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

Product ID:MIL-L-63460D

MSDS Date:03/23/1994

FSC:9150

NIIN:01-079-6124

MSDS Number: BSCYR

=== Responsible Party ===

Company Name:HULS AMERICA INC.

Address:TURNER PLACE

Box:365

City:PISCATAWAY

State:NJ

ZIP:08854-0365

Country:US

Info Phone Num:201-763-7173

Emergency Phone Num:201-763-7173

CAGE:0DH22

=== Contrac

tor Identification ===

Company Name:HUL AMERICA INC

Address:TURNER PLACE

Box:365

City:PISCATAWAY

State:NJ

ZIP:08854-0365

Country:US

Phone:201-763-7173

CAGE:0DHB8

Company Name:HULS AMERICA INC

Address:TURNER PLACE

Box:365

City:PISCATAWAY

State:NJ

ZIP:08854-0365

Country:US

Phone:908-981-5016

CAGE:0DH22

Company Name:VELSICOL CHEM CORP.

CAGE:33285

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

Ingred Name:PETROLEUM SOLVENTS

Fraction by Wt: 20%

Other REC Limits:NONE RECOMMENDE

D  
OSHA PEL:5 MG/M3 AS OIL MISTS  
ACGIH TLV:5 MG/M3 AS OIL MISTS

Ingred Name:ETHYLHEXYL ACETATE  
CAS:103-09-3  
RTECS #:AH5600000  
Fraction by Wt: 20%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:BARIUM COMPOUNDS AS BA  
Fraction by Wt: 1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG/M3 AS BA  
ACGIH TLV:0.5 MG/M3 AS BA

Ingred Name:MOLYBDENUM COMPOUNDS  
Fraction by Wt: 2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 AS MO  
ACGIH TLV:5 MG/M3 AS MO

Ingred Name:ORGANOBARIIUM COMPOUND  
Fraction by  
Wt: 4%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- SEVERE EYE IRRITANT. MODERATE  
SKIN & RESPIRATORY TRACT IRRITANT. HARMFUL IF INHALED. ASPIRATION  
HAZARD IF SWALLOWED. OVEREXPOSURE TO SOLVENT MAY CAUSE DIZZINESS,  
DROWSINESS, UNCONSCI  
OUSNESS & O THER NERVOUS SYSTEM EFFECTS, EVEN  
DEATH. CHRONIC- UNKNOWN. TARGET ORGANS:EYES, SKIN, LUNGS,  
GASTROINTESTINAL TRACT, CNS.  
Effects of Overexposure:SEVERE EYE IRRITATION, MODERATE SKIN AND  
RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, DROWSINESS,  
UNCONSCIOUSNESS, DEATH, LUNG DAMAGE  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE  
TO THE EFFECTS OF THIS PRODUCT.

=====

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE EXCESS. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VOMITING.GET MEDICAL ADVICE.

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

Flash Point Method:SCC

Flash Point:165F,74C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY

CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & REIGNITE

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:EXPOSURE TO HEAT BUILDS UP PRESSURE IN CLOSED CONTAINERS.

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

Spill Release Procedures:DIKE AND CONTAIN SPILL. DO NOT ALLOW MATERIAL

TO ENTER DRAINS, SEWERS OR WATERWAYS. RECOVER MATERIAL IF POSSIBLE. ABSORB SPILL WITH NON-FLAMMABLE ABSORBANT AND PLACE INTO PROPER CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM HEAT, FLAME & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPORS OR MISTS.

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

Respiratory Protection:NO SPECIAL RESPIRATORY PROTECTION IS NORMALLY REQUIRED. HOWEVER, IF WORKING IN A CONFINED AREA OR MISTING IS OCCURING, USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective Gloves:RUBBER OR PLASTIC

Eye Protection:CHEMICAL SPLASH GOGGLES OR FACE SHIELD

Other

Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>400F,>204C

Melt/Freeze Pt:M.P/F.P Text:-74F,-59C

Vapor Pres:NOT KNOWN

Vapor D

ensity:>1

Spec Gravity:0.86

Evaporation Rate & Reference: