

ELY CHEMICAL CO LTD -- PENETRANT REMOVER (LIPOPHILIC) L-80 -- 6850-01-268-7122

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

Product ID: PENETRANT REMOVER (LIPOPHILIC) L-80

MSDS Date: 03/02/2000

FSC: 6850

NIIN: 01-268-7122

Status Code: A

MSDS Number: CKYCW

=== Responsible Party ===

Company Name: ELY CHEMICAL CO LTD

Address: LISLE LANE

City: ELY, CB7 4AS, ENGLAND

Country: UK

Info Phone Num: +44(0)1353665881/FX-6646

23

Emergency Phone Num: 44(0) 1353 665881

CAGE: K2063

=== Contractor Identification ===

Company Name: DUNN R G ASSOCIATES INC

Address: 15104 LEE RD SUITE 203-B

Box: City: HUMBLE

State: TX

ZIP: 77396-2078

Country: US

Phone: 281-441-2001/FAX: 281-441-7772

Contract Num: SP0450-01-M-D587

CAGE: 0A272

Company Name: ELY CHEMICAL COMPANY

Address: LISLE LANE

Box: City: ELY, CAMBRIDGESHIRE, CB7 4AS

Country: UK

Phone: +44(0)1353 665881

CAGE: K2063

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

Ingred N

ame:HYDROCARBON
CAS:64742-52-5
RTECS #:PY8035000
= Wt:50.

Ingrid Name:2-(2-BUTOXYETHOXY)ETHANOL. EEC NO. 203-961-6
CAS:112-34-5
RTECS #:KJ9100000
= Wt:10.

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

Health Hazards Acute and Chronic:EYES: IRRITATING TO THE EYES. SKIN:
FREQUENT OR PROLONGED CONTACT MAY BE IRRITATING. INGESTION:
SUPPLIERS DATA FOR RAT ORAL LD50 INDICATES NO SIGNIFICANT HAZARD BY
THIS ROUTE. SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE RESPIRAT
ORY
SYSTEM DURING INGESTION OR FROM VOMITING MAY CAUSE SEVERE DAMAGE.
INHALATION: VAPOUR CONCENTRATIONS ABOVE RECOMMENDED EXPOSURE LEVELS
ARE EXPECTED TO BE IRRITATING TO TH E EYES AND RESPIRATORY TRACT.
Effects of Overexposure:SKIN: DRYING, CRACKING AND POSSIBLY DERMITITIS.
INHALATION: MAY CAUSE HEADACHES AND DIZZINESS.

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

First Aid:INHALATION-IF PERSON IS OVERCOME BY FUMES IMMEDIATELY REMOVE
FROM EXPOSURE &
OBTAIN EMERGENCY MEDICAL AID. GIVE ARTIFICIAL
RESPIRATION IF REQUIRED. SKIN-REMOVE CONTAMINATED CLOTHING. LAUNDER
BEFORE US E. WASH SKIN THOROUGHLY WITH MILD SOAP & WATER. FLUSH
SKIN WITH LUKEWARM WATER. EYE-IMMEDIATELY RINSE WITH CLEAN WATER
FOR 15 MINS WHILE HOLDING EYES OPEN. OBTAIN MEDICAL AID.
INGESTION-IF LARGE QUANT ITIES ARE INGESTED OBTAIN MEDICAL AID.
GIVE LUKEWARM WATER IF COMPLETELY CONSCIOUS BUT DO NOT INDUCE
VOMITING, OWING TO THE RISK OF DAMAGE TO THE
LUNGS FROM ASPIRATION.

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

Extinguishing Media: WATER SPRAY, WATER FOG, ALCOHOL TYPE FOAM, DRY
POWDER OR CARBON DIOXIDE. UNSUITABLE ENTINGUISHING MEDIA: WATER
JET.
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS IN
CONFINED AREAS.
Unusual Fire/Explosion Hazard:MAY GIVE OFF TOXIC FUMES AT FIRE
TEMPERATURES.

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

Spill Release Procedur

es:EXTINGUISH OR TURN OFF ALL SOURCES OF IGNITION, OBTAIN PROTECTIVE GLOVES AND GOGGLES OR FACE MASK. STOP RELEASE. CONTAIN SPILL WITH SUITABLE BOOM, SAND OR ADSORBENT GRANULES. PREVENT ESCAPE TO DRAINS OR SEWERS. CONTAINED LARGE SPILLS MAY BE PUMPED (NOT ELECTRIC) INTO SUITABLE CONTAINERS. SMALL SPILLS MAY BE ABSORBED USING SUITABLE GRANULES. FINALLY FLUSH AREA WITH WATER.

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

Handling and Storage Precauti

ons:HANDLING-MINIMIZE SKIN CONTACT BY USE

OF PVC OR SIMILAR IMPERVIOUS GLOVES. WEAR CHEMICAL GOGGLES OR OTHER SIMILAR EYE PROTECTION. OPEN CONTAINERS AND MANIPULATE PRODUCT ONLY IN WELL VENTILATED AREAS. STORAGE-STORE IN SEALED CONTAINERS IN VENTILATED COVERED STORAGE AREAS.

Other Precautions:LIKELY RESIDUES OR WASTE PRODUCTS: PRODUCT WITH DISSOLVED CONTAMINANTS. RINSE WATER CONTAINING EMULSIFIED PRODUCT.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. ENSURE GOOD VENTILATION. IF HIGH TEMPERATURES OR EXCESSIVE SPRAY/MIST IS GENERATED ADSORBENT MASKS OR RESPIRATORS WILL BE REQUIRED.

Ventilation:OIL MIST OES AND TLV (8 HOUR TWA) 5MG.CU.M. OES AND TLV (STEL 15 MINS) 10MG/CU.M.

Protective Gloves:WEAR PVC OR SIMILAR IMPERVIOUS GLOVES.

Eye Protection:WEAR CHEMICAL GOGGLES OR SIMILAR EYE PROTECTION.

Other Protective Equipment:LONG SLEEVED OVERALLS ARE RECOMMENDED ALS

O

IMPERVIOUS APRONS AND GAUNTLETS IF THERE IS RISK OF FREQUENT SPLASHING.

Work Hygienic Practices:TAKE MEASURES TO PREVENT 1. CONTACT WITH EYES AND SKIN. 2. INHALATION RISK FROM VAPOUR OR MIST BUILD-UP.

Supplemental Safety and Health

PRODUCT NAME: PENETRANT REMOVER (LIPOPHILIC) L-80. CODE 2463.

APPLICATION: PENETRANT INSPECTION. COMPOSITION/INFORMATION ON INGREDIENTS: A BLEND OF HYDROCARBONS, NONIONIC SURFACTANTS, GLYCOL ETHER AND COUPLING AGENTS.

=====
===== Ph

ysical/Chemical Properties =====

HCC:V5

Melt/Freeze Pt: