

ELY CHEMICAL CO LTD -- PENETRANT REMOVER S-76 AEROSOL -- 6850-00-160-8481

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Product Identification
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Product ID: PENETRANT REMOVER S-76 AEROSOL

MSDS Date: 01/01/1999

FSC: 6850

NIIN: 00-160-8481

Status Code: A

MSDS Number: CKXXS

=== 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-664623

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: SP0450-01M-D57L

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

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Composition/Information on Ingredients
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Ingred Name: HYDROCARB

ONS (EC NO. 295-434-2)

CAS:92045-53-9

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

LD50 LC50 Mixture:LD50, RAT, ORAL>5G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ON EYES: IRRITATING, BUT DOES NOT INJURE EYE TISSUE. ON SKIN: WILL CAUSE DE-FATTING AND DRYING IF CONTACT IS PROLONGED OR FREQUENT. THIS MAY LEAD TO MILD IRRITATION AND DERMATITIS. BY INHALATION: HIGH CONCENTRATIONS OF THE VAPOUR COULD LEAD INI

TIALLY TO DIZZINESS AND HEADACHE, WITH IRRITATION TO THE EYES AND RESPIRATORY TRACT, ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS. BY IN G ESTION: SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM VOMITING, MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA.

Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER

Effects of Overexposure:ON EYES: IRRITATING, BUT DOES NOT INJURE EYE TISSUE. ON SKIN: WILL CAUSE DE-FATTI

NG AND DRYING IF CONTACT IS PROLONGED OR FREQUENT. THIS MAY LEAD TO MILD IRRITATION AND DERMATITIS. BY INHALATION: HIGH CONCENTRATIONS OF THE VAPOUR COULD LEAD INITIALLY TO DIZZINESS AND HEADACHE, WITH IRRITATION TO THE EYES AND RESPIRATORY TRACT, ARE ANAESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS. BY I NGESTION: SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM VOMITING, MAY CAUSE BRONCHOPNEUMONIA OR PULMONARYOEDE

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Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER.

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

First Aid:INHALATION: IF PERSON IS OVERCOME BY FUMES, OBTAIN EMERGENCY MEDICAL ATTENTION. IMMEDIATELY REMOVE PATIENT FROM EXPOSURE AND KEEP REST. ADMINSTER ARTIFICIAL RESPIRATION IF REQUIRED. SKIN: REMOVE CONTA MINATED CLOTHING, WASH AFFECTED AREA, WITH SOAP/ WATER, SOON AS POSSIBLE. FLUSH SKIN WITH LUKEWARM WATER. EYE: FLUSH IMMEDIA

TELY WITH QUANTITIES OF CLEAN WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS. INGESTION: IF LARGE QUANTITIES INGESTED, OBTAIN MEDICAL ATTENTION. GIVE LUKEWARM WATER IF COMPLETELY CONSCIOUS. DO NOT INDUCE VOMITING. RISK OF DAMAGE TO THE LUNGS FROM POSSIB LE ASPIRATION EXCEEDS THE POISONING RISK

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

Flash Point:=-4.C, 24.8F

Extinguishing Media:SUITABLE: FOAM, DRY POWDER, SAND OR CARBON DIOXID

E.

USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. UNSUITABLE: WATER JET.

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS, IF FIRE IS IN CONFINED SPACE.

Unusual Fire/Explosion Hazard:HEAT MAY RUPTURE PRESSURISED CONTAINERS RELEASING COMBUSTIBLE MATERIAL. USE WATER SPRAY/FOG TO COOL.

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

Spill Release Procedures:EXTINGUISH OR TURN OFF ALL SOURCES OF IGNITION, OBTAIN PROTECTIVE RESPIRATOR, GLOVES, GOGGLES OR FACE SHIELD. WARN OCCUPANTS OF DOWNWIND AREAS FIRE AND EXPLOSION HAZARD. ENSURE ADEQUATE VENTILATION,OR RESPIRATOR. STOP RELEASE, CONTAIN SPILL WITH SUITABLE BOOMS, SAND OR ABSORBENT GRANULES. PREVENT ENTRY TO WATER- COURSES, DRAINS, SEWERS. REPORT ANY ESCAPE INTO DRAINS TO FIRE AND WATER AUTHORITIES.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage P

recautions:STORE IN A WELL VENTILATED COVERED STORAGE AREA OUT OF DIRECT SUNLIGHT AND DO NOT EXPOSE TO TEMPERATURES ABOVE 50C. MINIMIZE SKIN CONTACT USE PVC OR SIMILAR IMPERVIOUS GLOVES. WEAR CHEMICAL GOGGLES OR OTHER EYE PROTECTION. DO NOT SMOKE WHILE HANDLING THIS PRODUCT. DO NOT USE NEAR SOURCES OF IGNITION

Other Precautions:AVOID BREATHING VAPOURS. IF PRODUCT MUST BE USED IN AREAS WHERE GOOD VENTILATION IS NOT AVAILABLE, WEAR SUITABLE RESPIRATORY EQUIPMENT. WASH HANDS THOROUGHLY AFTER HANDLING THIS PRODUCT.

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

Respiratory Protection:ENSURE GOOD VENTILATION. IF IT IS NECESSARY TO USE THIS PRODUCT IN AN ENCLOSED AREA USE SUITABLE ABSORBENT MASK OR BREATHING APPARATUS TO PREVENT OVEREXPOSURE BY INHALATION.

Protective Gloves:WEAR PVC OR SIMILAR IMPERVIOUS GLOVES.

Eye Protection:WEAR CHEMICAL GOGGLES OR SIMILAR EYE PROTECTION.

Other Protective Equipment:LONG SLEEVED OVERALLS RECOM

MENDED ALSO

IMPERVIOUS APRONS AND GAUNTLETS IF THERE IS A RISK OF FREQUENT CONTACT.

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

FIRST AID, INGESTION; CONTD: ASPIRATION: IF ASPIRATION OCCURS OR IS SUSPECTED SEND THE PATIENT TO HOSPITAL OR OBTAIN MEDICAL ATTENTION IMMEDIATELY.

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

HCC:F2

Boiling P

t:=94.C, 201.2F

B.P. Text:INITIAL

Vapor Pres:5.37 KPA AT 20C

Vapor Density:>1 (AIR=1)

Volatile Org Content %:100

Spec Gravity:0.713

Appearance and Odor:CLEAR, VOLATILE, MOBILE LIQUID. ODOUR: FAINT HYDROCARBON ODOUR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS. MAY DISSOLVE OR SWELL RUBBERS AND ORGANIC COATINGS.

Stability Condition to Avoid:THIS PRODUCT IS STABLE. DO NOT EXPOSE TO NAKED FLAMES

, OR OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:OXIDES OF CARBON

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

Toxicological Information:HYDROCARBON IS CATALYTICALLY

HYDRO-DE-AROMATISED AND HAS AN AROMATIC CONTENT LESS THAN 100 PPM AND A BENZENE CONTENT LESS THAN 15 PPM.

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

Ecological:ENVIRONMENTAL MOBILITY: SUBSTANCE IS HIGHLY VOLATILE & WILL RAPIDLY EVAPORATE TO THE AIR. BEHA

VIOR IN WATER: IMMISCIBLE,
FLOATS. THE SMALL QUANTITY DISSOLVED, IS EXPECTED TO BE REMOVED IN
A WASTE TREATMENT PLANT. ENVIRONMENTAL DEGRADABILITY: MATERIAL CAN
DEGRADE RAPIDLY IN AIR. MATERIAL BIODEGRADES RAPIDLY & IS "READILY"
BIODEGRADABLE ACCORDING TO OECD GUIDELINES. ECOTOXICITY: ALTHOUGH
DATA EXIST TO SHOW THAT THIS MATERIAL IS UNLIKELY TO PERSIST IN
THE AQUATIC ENVIRONMENT, BASED ON DATA FOR SIMILAR MATERIALS IN
EUROPEAN CLASSIFICATION RULES LEAD TO CLASSIFICATION OF "MAY CAUSE
LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT".

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

Waste Disposal Methods:RESIDUES OF WASTE PRODUCTS: PRODUCT WITH
DISSOLVED CONTAMINANTS. SAFE HANDLING: PRESSURIZED CONTAINERS MUST
BE PUNCTURED IN SUITABLE RETAINING EQUIPMENT. LIQUIDS MAY THEN BE
DISPOSED OF BY INCINERATION IN SUITABLE LICENSED FACILITY.
DISPOSAL IN ACCORDANCE WITH LOCAL AND NATIONAL LEGISLATION, THROUGH
AUT
HORIZED CONTRACTOR TO LICENSED FACILITY.

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

Transport Information:SPECIAL CARRIAGE PRECAUTIONS IN CARRIAGE (ON-SITE
OR EXTERNALLY). PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE. UN
NUMBER: 1950. CDG CPL CLASS 2.1. ADR CLASS 2. ITEM 5 DEGREEF
(MARGINAL 2201). RID CLASS 2.

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

SARA Title III Information:NO DATA PROVIDED BY MANUFACTURER.
Federal Regulatory
Information:NO DATA PROVIDED BY MANUFACTURER.
State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

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

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