

SAFETY DATA SHEET

LACOMIT REMOVER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: LACOMIT REMOVER

PART No.: 65614

2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
XYLENE	1330-20-7	10-30 %w/w	Xn	20/21, 38
DIACETONE ALCOHOL	123-42-2	70-90 %w/w	XI	36

3 HAZARDS IDENTIFICATION

Harmful by Inhalation and in contact with skin.

Irritating to skin.

Highly flammable.

4 FIRST AID MEASURES

GENERAL:	Consult a physician for specific advice.
INHALATION:	Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.
INGESTION:	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. Get medical attention immediately!
SKIN:	Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention immediately.
EYES:	Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc. Water spray. Foam. DO NOT use waterjet.

SPECIAL FIRE FIGHTING PROCEDURES: Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to flames with water until well after the fire is out. Move container from fire area if it can be done without risk. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. If risk of water pollution occurs, notify appropriate authorities.

HAZARDOUS DECOMPOSITION PRODUCTS:

Toxic gases/vapours/fumes of: Carbon monoxide (CO). Hydrogen chloride (HCl). Oxides of: Carbon.

LACOMIT REMOVER

PROTECTIVE MEASURES IN FIRE: Self contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS DURING SPILL:

Use protection as listed in section 8.

PRECAUTIONS TO PROTECT ENVIRONMENT:

Drains must be covered to avoid sewer/river contamination. In case of major spillage alert the emergency services and local water authority

SPILL CLEANUP METHODS:

Ventilate well, stop flow of gas or liquid if possible. Remove ignition sources. Do not allow chemical to enter confined spaces such as sewers due to explosion risk. Sewers designed to preclude formation of explosive concentrations of vapour may be permitted. Let evaporate. Keep out of confined spaces because of explosion risk. Provide ventilation and confine spill. Do not allow runoff to sewer. Cover the chemical with dry sand, mix carefully and place in a suitable container. Avoid contact with skin or inhalation of spillage, dust or vapour.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS:

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Do not use contact lenses.

STORAGE PRECAUTIONS:

Flammable/combustible - Keep away from oxidizers, heat and flames. May attack some plastics, rubber and coatings. Keep in cool, dry, ventilated storage and closed containers. Ground container and transfer equipment to eliminate static electric sparks. Outside or detached storage preferred. Store away from; Oxidising material.

STORAGE CRITERIA:

Flammable liquid storage.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
XYLENE	1330-20-7	OES.	100 ppm(Sk)	150 ppm(Sk)

PROTECTIVE EQUIPMENT:



VENTILATION:

Provide adequate general and local exhaust ventilation.

RESPIRATORS:

CCROV, CCR with organic vapour cartridge. SA, Supplied-air respirator. SCBA, Self-contained breathing apparatus.

PROTECTIVE GLOVES:

Use protective gloves made of: Polyvinyl alcohol (PVA). Viton rubber (fluor rubber).

EYE PROTECTION:

Wear approved chemical safety goggles where eye exposure is reasonably probable. Contact lenses should not be worn when working with this chemical!

OTHER PROTECTION:

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash, quick drench. Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENIC WORK ROUTINES:

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet. Promptly remove any clothing that becomes wet or contaminated. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties. Isolate contaminated clothing and wash before reuse. No eating or drinking while working with this material. DO NOT SMOKE IN WORK AREA!

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.	COLOUR:	Colourless.
ODOUR/TASTE:	Aromatic.		
SPECIFIC GRAVITY (Water=1):	0.90 - 0.95 @ 20 °C	VAPOUR DENSITY (air=1):	~4
ODOUR THRESHOLD (lower):	4.00	FLASH POINT (°C):	18
FLASH POINT METHOD:	CC (Closed cup).		
AUTO IGNITION TEMPERATURE (°C):	363		

LACOMIT REMOVER

10 STABILITY AND REACTIVITY

STABILITY: Avoid: Heat, sparks, flames. Air and oxidizers.
CONDITIONS TO AVOID: Oxidising, avoid contact with reducing agents. Reacts strongly with concentrated mineral acids
MATERIALS TO AVOID: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Hydrogen chloride (HCl). Oxides of: Carbon.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE1- LD50: 4300.00mg/kg (oral rat)
HEALTH WARNINGS: This chemical may cause skin/eye irritation and burns (corrosive). Irritant of eyes and mucous membranes. Toxic through skin absorption (percutaneous). Anaesthetic in high concentrations. May cause nausea, dizziness and vomiting. In severe cases shortness of breath, blindness, severe headache and unconsciousness may occur. Repeated exposure may cause chronic eye irritation. May cause chemical eye burns. Acute eczematous dermatitis, contact type erythema, oedema, papules, vesicles, bullae, crusts, desquamation). Swallowing concentrated chemical may cause severe internal injury. Unconsciousness, death.
ROUTE OF ENTRY: Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.
TARGET ORGANS: Blood. Central nervous system. Eyes. Gastro-intestinal tract. Kidneys. Liver. Respiratory system, lungs. Skin.
MEDICAL SYMPTOMS: Extreme irritation of eyes and mucous membranes, including burning and tearing. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. Severe skin irritation. Unconsciousness, possibly death. Drowsiness, dizziness, disorientation, vertigo. Dizziness. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Severe abdominal pain. Headache.
MEDICAL CONSIDERATIONS: Skin disorders and allergies. Convulsive disorders, CNS problems.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements. Absorb in vermiculite or dry sand, dispose in licensed special waste.

14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



ROAD:			
UN No:	1993	ADR ITEM No:	31(c)
HAZARD CLASS (ADR):	Class 3: Flammable liquids.	ADR LABEL No:	3
MARGINAL:	2301	CEFIC TEC(R) No:	33
HAZCHEM CODE:	3y		
RAIL:			
RAIL TRANSPORT CLASS No:	3	RAILROAD PT:	31(c)
SEA:			
SEA TRANSPORT CLASS No:	3.2	IMDG Page No:	3230
SEA PACK GR:	III	EmS No.:	3-07
MFAG Table No:	340		

LACOMIT REMOVER

MARINE POLLUTANT: No.

AIR:

AIR TRANSPORT CLASS No: 3

AIR PACK GR:

III

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



HIGHLY FLAMMABLE



HARMFUL

RISK PHRASES:

R-11
R-20/21
R-38

Highly flammable.
Harmful by Inhalation and in contact with skin.
Irritating to skin.

SAFETY PHRASES:

S-16
S-24
S-36/37
S-51
S-23

Keep away from sources of Ignition - No Smoking.
Avoid contact with skin.
Wear suitable protective clothing and gloves.
Use only in well ventilated areas.
Do not breathe gas/fumes/vapour/spray.

UK REGULATORY REFERENCES:

Classification, Packaging and Labelling Regulations 1984.
Highly Flammable Liquid Regulations 1972.
Health and Safety at Work Act 1974.

EC DIRECTIVES:

The Control of Substances Hazardous to Health Regulations 1988.
System of specific information relating to Dangerous Preparations. 91\155.

16 OTHER INFORMATION

ISSUED BY:

Mr P Moran BSc (Hons) MSc MIOSH

REVISION No. /REPLACES SDS ISSUED:

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SAFETY DATA SHEET STATUS:

Approved.

DATE:

*16/1/98

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