

# PRODUCT SAFETY DATA SHEET

## 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: Paint Remover Liquid  
Supplier: Chemical Solutions  
42 Kennel Lane  
Fetcham  
Surrey KT22 9PJ  
0870 2408893

## 2 INFORMATION ON INGREDIENTS

Product Description: Aromatic solvent (Methyl benzene)

Hazardous Ingredients: Material or Component	CAS No	% Range	Symbol	Risk Phrases
Dichloromethane	75-09-2	50-80	Xn	40 Carc. Cat. 3
Methyl Alcohol	67-56-1	10-20	F,T	11,23/24/25,39
Hydroxypropyl Methyl Cellulose	N/A	0-1	N/A	N/A
Paraffin Wax	8002-74-2	0-5		
Toluene	108-88-3	0-1	F, Xn	11-20
Ammonia Solution	133-6-21-6	0-1	C	34

## 3 HAZARDS IDENTIFICATION

Harmful by inhalation. Prolonged skin contact may result in defatting of the skin causing dermatitis. Vapour- air mixtures can be explosive.

## 4 FIRST AID MEASURES

Eyes: Irritation. Irrigate thoroughly with water for at least 10 minutes. Obtain immediate medical attention.

Skin: Irritation. Drench skin with water. Remove clothing and wash before re-use. If large areas of the skin is damaged or if irritation persists seek medical attention immediately.

Inhalation: Dizziness, headache, nervous excitability. Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek immediate medical attention.

Ingestion: Irritation of upper digestive tract. Wash out mouth with water. Do not induce vomiting. If patient is conscious give water to drink. If patient feels unwell seek medical attention.

## 5 FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical powder, foam, carbon dioxide, water fog.  
Protective Equipment for Fire Fighting: Self contained breathing apparatus.  
Further Information: Hazardous combustion products: Oxides of carbon

## 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear solvent mask, PVC or rubber gloves, safety goggles, rubber boots, PVC jacket, trousers or suit.  
Environmental Precautions: Do not allow to enter drains or natural water courses  
Spillages: Absorb material in sand, earth or other suitable absorbent material. If possible transfer to a salvage tank, otherwise absorb residues and place in suitable labelled container and hold for waste disposal.  
DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS

## 7 HANDLING AND STORAGE

Handling: Good ventilation recommended. Avoid breathing vapour. Avoid skin and eye contact. Wear appropriate protective clothing, emergency shower and eye wash station should be available.

Storage: Store at cool temperatures.

## **8 PERSONAL PROTECTION/EXPOSURE CONTROLS**

Respiratory:	Type approved RPE for organic vapours if required.
Hand:	PVC or rubber gloves
Eye:	Safety goggles
Skin:	Rubber boots, PVC Jacket and trousers or suit.
Hygiene Measure:	Always wash thoroughly after handling chemicals
Dichloromethane	100ppm LTEL (8hr) TWA 300ppm STEL (15mins)
Methyl Alcohol	200ppm LTEL (8hr) TWA 238ppm STEL (15mins)
Toluene	50ppm (188mg/m <sup>3</sup> ), 8h TWA; 150ppm (560mg/m <sup>3</sup> ), STEL Type OES Sk
Ammonia Solution	25ppm LTEL (8hr) TWA 35ppm STEL (15mins)
Paraffin Wax	(8hr TWA) 2mg/ m <sup>3</sup> (10min) 6mg/ m <sup>3</sup>

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Colour:	Clear colourless gel
Odour:	Sharp penetrating
pH Value:	N/A
Boiling Range (oC):	110.6°C
Melting Point (oC):	N/A
Flash Point (oC):	Not Flammable
Auto Ignition Temp. (oC):	N/A
Explosive Limits in Air:	N/A
Vapour Pressure @20oC:	350mm Hg @ 20°C
Relative Density @20oC:	1.1 +/- 0.1
Solubility in solvent:	Miscible with most organic solvents

## **10 STABILITY AND REACTIVITY**

Conditions to Avoid:	Sources of ignition.
Materials to Avoid:	Inorganic acids, Strong oxidising agents.
Hazardous Decomposition:	Oxides of carbon

## **11 TOXICOLOGICAL INFORMATION**

Toluene	LD50 5000 mg/Kg Oral-rat
Dichloromethane	High atmospheric concentrations will lead to anaesthetic effects and adverse effects on central nervous system. Very high concentrations may cause abnormal heart rhythm and prove suddenly fatal. Contact with skin will remove natural greases resulting in dryness, cracking and dermatitis. Liquid splashed into the eye will cause irritation. Ingestion of small quantities is unlikely to cause adverse effects. Large doses may cause irritation, nausea, vomiting, diarrhoea and lead to drowsiness and unconsciousness. Chronic studies in mice have shown the material to be carcinogenic this effect is specific to the species and is very unlikely to occur in man.
Methyl Alcohol	Toxic by inhalation and if swallowed. The vapour has anaesthetic properties and when inhaled in concentrations above OES may cause headache, fatigue, dizziness, in coordination and loss of consciousness. Higher concentration may cause visual disturbances and damage to the heart, liver and kidneys. Methanol may be absorbed through the skin giving systemic effects similar to inhalation. It is not a skin sensitiser. Ingestion of as little as 10 ml may cause blindness . LD lo ca 15ml (oral man)
Hydroxypropyl Methyl Cellulose	LD50 >2000mg/kg Oral rat
Paraffin Wax	LD50 >5.000mg/kg rat
Ammonia Solution	LD50 350mg/kg Oral rat

## **12 ECOLOGICAL INFORMATION**

Biodegradability:	Slowly biodegradable
Aquatic Toxicity:	Harmful to aquatic species
Mobility:	Released material will rapidly volatilise and enter the atmosphere from both water and soil, large quantities will float as a slick until absorbed or volatilised.
Bioaccumulation potential:	Not expected to bio accumulate in aquatic organisms
Methyl Alcohol	LC50 Rainbow trout, 96h > 20000 mg/l LC50 Brown Shrimp, 48h 1975 mg/l EC50 Daphnia magna, 48h > 10000 mg/l
Hydroxypropyl Methyl Cellulose	LC50/EC50/IC50 > 100mg/l
Toluene	LC50, 96h in fish ranges from 6.3 to 63 mg/l. No observed reduction in photosynthesis in seaweed at concentrations of 10ppm

**13 DISPOSAL CONSIDERATIONS**

Product: Non recoverable waste should be disposed of via a licensed waste disposal contractor in accordance with current regulations.  
Packages: Dispose of in accordance with waste disposal regulations

**14 TRANSPORT INFORMATION**

Classification for Transport: Toxic  
UN Number: 1593  
UN Proper Shipping Name:  
ADR/RID Class: 6.1  
ADR/RID Item No.:  
IMDG Packaging Group: III  
IMDG Class:

**15 REGULATORY INFORMATION**

EEC Classification: Harmful Xn,  
Risk Phrases: R20 Harmful by inhalation  
R40 Limited evidence of carcinogenic effect  
Safety Phrases: S2 Keep out of reach of children.  
S23 Do not breathe vapour.  
S24/25 Avoid contact with skin and eyes  
S29 Do not empty into drains  
S36/37 Wear suitable protective clothing and gloves

**16 OTHER INFORMATION**

This data sheet was prepared in accordance with Directive 91/155/EEC  
Conforms to CHIP 3 (2002)  
Revision date: February 2004