

SAFETY DATA SHEET

METAL DEGREASING SOLVENT

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: METAL DEGREASING SOLVENT
PART No.: EMDS01L
SUPPLIER: H K WENTWORTH PTY LIMITED
P.O. BOX 339
BROOKVALE, NSW 2100
AUSTRALIA
Tel: 02 9938 1566
Fax: 02 9938 1566

2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
DICHLOROMETHANE			60-100 %
75-09-2	200-838-9	Xn R-40 Carc3	

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION:

Limited evidence of a carcinogenic effect. Carcinogen Category 3.

HAZARDOUS SUBSTANCE: DANGEROUS GOODS

4. FIRST AID MEASURES:

GENERAL: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Rinse mouth thoroughly. Get medical attention.

SKIN: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use: Alcohol resistant foam. Powder. Dry chemicals, sand, dolomite etc.

HAZARDOUS COMBUSTION PRODUCTS: Fire creates: Corrosive gases/vapors/fumes of: Hydrogen chloride (HCl).

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: Absorb in vermiculite, dry sand or earth and place into containers. Wear necessary protective equipment.

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.

STORAGE PRECAUTIONS: Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
DICHLOROMETHANE	75-09-2	MEL	100 ppm	300 ppm

INGREDIENT COMMENTS: OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:



VENTILATION: Provide sufficient ventilation during operations which cause vapour formation.

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES: Use protective gloves.

EYE PROTECTION: Wear approved safety goggles.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENIC WORK PRACTICES: DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Liquid.

BOILING POINT (°C, interval): 121

Pressure:

MELT./FREEZ. POINT (°C, interval): -21

DENSITY/SPECIFIC GRAVITY (g/ml): 1.305

Temperature (°C): 20

FLASH POINT (°C): none

Method:

AUTO IGNITION TEMP. (°C): 420

10. STABILITY AND REACTIVITY:

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition.
HAZARDOUS DECOMP. PRODUCTS:	High temperatures generate: Carbon dioxide (CO ₂). Carbon monoxide (CO). Hydrogen chloride (HCl).

11. TOXICOLOGICAL INFORMATION:

HEALTH WARNINGS:	<p>INHALATION. May cause irritation to the respiratory system.</p> <p>SKIN CONTACT. Prolonged or repeated contact leads to drying of skin. May cause skin irritation/eczema.</p> <p>EYE CONTACT. Irritating to eyes.</p> <p>INGESTION. May cause stomach pain or vomiting.</p>
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12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	No data on possible environmental effects have been found.
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13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Dispose of in accordance with Local Authority requirements.
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14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:



UN No. ROAD:	1593
UK ROAD TRANSPORT CLASS:	6.1
UK ROAD PACK GR.:	III
ADR CLASS No.:	6.1
ADR CLASS:	Division 6.1: Toxic substances.
ADR ITEM No.:	III
ADR LABEL No.:	6.1
HAZCHEM CODE:	2Z
CEFIC TEC(R) No.:	61GT1-III
PROPER SHIPPING NAME I:	DICHLOROMETHANE
RID CLASS No.:	6.1
RID ITEM No.:	III
UN No. SEA:	1593
IMDG CLASS:	6.1

IMDG PACK GR.:	III
EmS No.:	F-A; S-A
MFAG TABLE No.:	See Guide
MARINE POLLUTANT:	No.
UN No., AIR:	1593
ICAO CLASS:	6.1
AIR PACK GR.:	III

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES:	R-40 Limited evidence of a carcinogenic effect.
SAFETY PHRASES:	S-36/37 Wear suitable protective clothing and gloves.
UK REGULATORY REFERENCES:	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972. Fire precautions Act 1971. Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988.
ENVIRONMENTAL LISTING:	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980. Control of Pollution Act 1974.
EU DIRECTIVES:	System of specific information relating to Dangerous Preparations. 91\155. Dangerous Substance Directive 67\548. Dangerous Preparations Directive 88\379.
STATUTORY INSTRUMENTS:	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations L62.
GUIDANCE NOTES:	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION:

USER NOTES:	CN NO 29031200
REVISION COMMENTS:	Revised in accordance with CHIP3 and EU Directive 1999/45/EC
ISSUED BY:	Helen O'Reilly
REVISION DATE:	MAY 2003
REV. No./REPL. SDS GENERATED:	0
SDS No.:	10451
DISCLAIMER:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text. The information contained in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification
R-PHRASES (Full Text):	R-40 Limited evidence of a carcinogenic effect.