



SAFETY DATA SHEET
METAL DEGREASING SOLVENT

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME METAL DEGREASING SOLVENT
PRODUCT NO. EMDS01L
APPLICATION Cleaning Product
SUPPLIER ELECTROLUBE. A division of
 HK WENTWORTH LTD
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2 HAZARDS IDENTIFICATION

Limited evidence of a carcinogenic effect.

CLASSIFICATION Carc 3;R40.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
DICHLOROMETHANE	200-838-9	75-09-2	80-100%	Carc3;R40

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

COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN

Treat symptomatically

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 CONTACT

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.

EYE CONTACT

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.

METAL DEGREASING SOLVENT

SPECIFIC HAZARDS

Fire creates: Corrosive gases/vapours/fumes of Hydrogen chloride (HCl).

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP 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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
DICHLOROMETHANE	WEL	100 ppm(Sk)	350 mg/m3(Sk)	300 ppm(Sk)	1060 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide sufficient ventilation during operations which cause vapour formation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

OTHER PROTECTION

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

HYGIENE MEASURES

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. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	MELTING POINT (°C)	-21
BOILING POINT (°C)	121	FLASH POINT (°C)	none
RELATIVE DENSITY	1.305 @ 20 °c		
AUTO IGNITION TEMPERATURE (°C)	420		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

METAL DEGREASING SOLVENT

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS

High temperatures generate: Carbon dioxide (CO₂). Carbon monoxide (CO). Hydrogen chloride (HCl).

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

INHALATION. May cause irritation to the respiratory system. SKIN CONTACT. Prolonged or repeated contact leads to drying of skin. May cause skin irritation/eczema. EYE CONTACT. Irritating to eyes. INGESTION. May cause stomach pain or vomiting.

Name	DICHLOROMETHANE
Toxic Dose 1 - LD 50	670 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION

ECOTOXICITY

No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



UK ROAD CLASS	6.1	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	DICHLOROMETHANE	ADR CLASS	Class 6.1: Toxic substances.
UDF Phrase 1	Class 6.1: Toxic Substances	HAZARD No. (ADR)	60
UN NO. ROAD	1593	HAZCHEM CODE	2Z
ADR CLASS NO.	6.1	RID CLASS NO.	6.1
ADR PACK GROUP	III	UN NO. SEA	1593
ADR LABEL NO.	6.1	IMDG PACK GR.	III
CEFIC TEC(R) NO.	61GT1-III	EMS	F-A, S-A
RID PACK GROUP	III	MARINE POLLUTANT	No.
IMDG CLASS	6.1	AIR CLASS	6.1
EMS	F-A, S-A	UN NO. AIR	1593
MARINE POLLUTANT	No.	AIR PACK GR.	III

15 REGULATORY INFORMATION

SYMBOLS



Harmful

CONTAINS DICHLOROMETHANE

RISK PHRASES

R40 Limited evidence of a carcinogenic effect.

