



**SAFETY DATA SHEET**  
**CONTACT TREATMENT OIL 2X**

**CP0416 v3.2 RS 300-8524**

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

**PRODUCT NAME** CONTACT TREATMENT OIL 2X

**PRODUCT NO.** ESOB200D

**APPLICATION** Contact Oil

**SUPPLIER** ELECTROLUBE. A division of  
HK WENTWORTH LTD  
KINGSBURY PARK, MIDLAND  
ROAD  
SWADLINCOTE  
DERBYSHIRE, DE11 0AN  
UNITED KINGDOM  
+44(0)1283 222 111  
+44(0)1283 550 177  
info@hkw.co.uk

<p><u>Supplied by:</u> <b>RS Components Ltd,</b> Birchington Road, Corby, Northants, NN17 9RS. Tel: +44 (0) 1536 402888 (8am to 8pm) Email: technical.help@rs-components.com</p>
--

**EMERGENCY TELEPHONE** +44(0)1283 222 111 between 8.30 am - 5.00pm Mon - Fri

**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	10-30%	Carc3;R40
1,1,DIFLUOROETHANE R152A	200-866-1	75-37-6	5-10%	F+;R12.
Benzamine, N phenyl, reaction product with 2,4,4 trimethylpentene	270-128-1	68411-46-1	<0.5%	N;R51/53.

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. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION**

DO NOT INDUCE VOMITING! Rinse mouth thoroughly.

**SKIN CONTACT**

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

**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 and get medical attention.

**5 FIRE-FIGHTING MEASURES**

## CONTACT TREATMENT OIL 2X

### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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

WEL = Workplace Exposure Limit.

### ENGINEERING MEASURES

No particular ventilation requirements.

### OTHER PROTECTION

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

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol Liquid		
COLOUR	Colourless		
ODOUR	Characteristic		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	>200	MELTING POINT (°C)	N/D
RELATIVE DENSITY	1.000 @ 20 °c	BULK DENSITY	1000 kg/m3
VAPOUR PRESSURE	n/a kPa @ 19 °c	FLASH POINT (°C)	>210 CC (Closed cup).
AUTO IGNITION TEMPERATURE (°C)	>370		

## 10 STABILITY AND REACTIVITY

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Carbon monoxide (CO). Hydrogen fluoride (HF). Carbonyl fluoride

## 11 TOXICOLOGICAL INFORMATION

### GENERAL INFORMATION

Known or suspected carcinogen for humans.

**CONTACT TREATMENT OIL 2X**

**INHALATION**

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**Other Health Effects**

Suspect Cancer Hazard. Carcinogen Category 3.

**12 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

The product is not expected to be hazardous to the environment.

**13 DISPOSAL CONSIDERATIONS**

**GENERAL INFORMATION**

The company should contact first the Industrial Inspection and Pollution section in the Supreme Council of Environment

**DISPOSAL METHODS**

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**



<b>UK ROAD CLASS</b>	2	<b>UK ROAD PACK GR.</b>	Not Applicable
<b>PROPER SHIPPING NAME</b>	AEROSOLS	<b>ADR CLASS</b>	Class 2.2: Non-flammable, non-toxic gases.
<b>UN NO. ROAD</b>	1950	<b>ADR LABEL NO.</b>	2 & 6.1
<b>ADR CLASS NO.</b>	2	<b>RID CLASS NO.</b>	2
<b>ADR PACK GROUP</b>	Not Applicable	<b>UN NO. SEA</b>	1950
<b>CEFIC TEC(R) NO.</b>	20G5T	<b>IMDG PAGE NO.</b>	2.2 & 6.1
<b>RID PACK GROUP</b>	Not Applicable	<b>EMS</b>	F-D, S-U
<b>IMDG CLASS</b>	2.2	<b>MARINE POLLUTANT</b>	No.
<b>IMDG PACK GR.</b>	Not Applicable	<b>AIR CLASS</b>	2.2
<b>MFAG</b>	See Guide	<b>AIR PACK GR.</b>	Not Applicable
<b>UN NO. AIR</b>	1950		
<b>AIR SUB CLASS</b>	6.1		

**15 REGULATORY INFORMATION**

**SYMBOLS**



Harmful

**CONTAINS** DICHLOROMETHANE

**RISK PHRASES**

R40 Limited evidence of a carcinogenic effect.

**SAFETY PHRASES**

A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

A2 Do not spray on a naked flame or any incandescent material.

S2 Keep out of the reach of children

**CONTACT TREATMENT OIL 2X**

S23	Do not breathe vapour/spray.
S36/37	Wear suitable protective clothing and gloves.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.

**UK REGULATORY REFERENCES**

Chemicals (Hazard Information & Packaging) Regulations.  
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.

**EU DIRECTIVES**

System of specific information relating to Dangerous Preparations. 2001/58/EC.  
Dangerous Preparations Directive 1999/45/EC.  
Dangerous Substance Directive 67/548/EEC.  
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

**REVISION COMMENTS**

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

**ISSUED BY**

Helen O'Reilly

**REVISION DATE**

SEPTEMBER 2008

**REV. NO./REPL. SDS**

5

**GENERATED**

**SDS NO.**

11470

**RISK PHRASES IN FULL**

R12	Extremely flammable.
R40	Limited evidence of a carcinogenic effect.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.