



**SAFETY DATA SHEET**  
**LABEL REMOVER 200ML**

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

**PRODUCT NAME** LABEL REMOVER 200ML  
**PRODUCT NO.** ELRM200D  
**APPLICATION** Manufacture of electrical equipment  
**SUPPLIER** ELECTROLUBE. A division of  
 HK WENTWORTH LTD  
 KINGSBURY PARK, MIDLAND  
 ROAD  
 SWADLINCOTE  
 DERBYSHIRE, DE11 0AN  
 UNITED KINGDOM  
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**2 HAZARDS IDENTIFICATION**

Flammable.

Irritating to skin.

May cause sensitisation by skin contact.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**CLASSIFICATION** Xi;R38. R43. N;R50/53. R10.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
d-LIMONENE	227-813-5	5989-27-5	10-30%	R10 R43 Xi;R38 N;R50/53
C11-C15 Iso alkanes	292-460-6	90622-58-5	10-30%	Xn;R65.
C9-C12 Iso alkanes	292-459-0	90622-57-4	10-30%	Xn;R65. R66.
3-BUTOXYPROPAN-2-OL	225-878-4	5131-66-8	10-30%	Xi;R36/38

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**

Immediately rinse mouth and provide fresh air.

**SKIN CONTACT**

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

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### 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: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

### 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

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Provide good ventilation.

### 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
C11-C15 Iso alkanes	WEL	175 ppm	1200 mg/m3			

WEL = Workplace Exposure Limit.

### ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

### RESPIRATORY EQUIPMENT

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment. Check that mask fits tight and change filter regularly. Use respiratory equipment with gas filter, type A2.

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Gloves of nitrile rubber, PVA or Viton are recommended. Gloves should conform to EN374

### EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

### 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	Lemon		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	173 - 193	RELATIVE DENSITY	0.790 @ 20 °c
VAPOUR PRESSURE	0.5 kPa @ 38 °c	FLASH POINT (°C)	52

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AUTO IGNITION > 200 FLAMMABILITY LIMIT - LOWER(%) 0.6  
TEMPERATURE (°C)  
FLAMMABILITY LIMIT - UPPER(%) 7.0

#### 10 STABILITY AND REACTIVITY

##### STABILITY

Stable under normal temperature conditions.

##### CONDITIONS TO AVOID

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

#### 11 TOXICOLOGICAL INFORMATION

##### INHALATION

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

##### SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact. Prolonged or repeated exposure may cause severe irritation.

##### EYE CONTACT

Irritating to eyes.

##### ROUTE OF ENTRY

Skin and/or eye contact. Inhalation.

<b>Name</b>	3-BUTOXYPROPAN-2-OL
<b>Toxic Dose 1 - LD 50</b>	2612-5500 mg/kg (oral rat)
<b>Name</b>	d-LIMONENE
<b>Toxic Dose 1 - LD 50</b>	>5000 mg/kg (oral rat)

#### 12 ECOLOGICAL INFORMATION

##### ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

##### WATER HAZARD CLASSIFICATION

WGK 2

<b>Name</b>	3-BUTOXYPROPAN-2-OL
<b>LC 50, 96 Hrs, FISH mg/l</b>	560-1000
<b>EC 50, 48 Hrs, DAPHNIA, mg/l</b>	>1000
<b>Name</b>	d-LIMONENE
<b>EC 50, 48 Hrs, DAPHNIA, mg/l</b>	12.3
<b>Mobility</b>	

The product has poor water-solubility.

#### 13 DISPOSAL CONSIDERATIONS

##### 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>PROPER SHIPPING NAME</b>	AEROSOLS		
<b>UN NO. ROAD</b>	1950	<b>UK ROAD PACK GR.</b>	N/A
<b>ADR CLASS NO.</b>	2	<b>ADR CLASS</b>	Class 2: Gases

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<b>ADR PACK GROUP</b>	N/A	<b>ADR LABEL NO.</b>	2.1
<b>CEFIC TEC(R) NO.</b>	20G5F	<b>RID CLASS NO.</b>	2
<b>RID PACK GROUP</b>	N/A	<b>UN NO. SEA</b>	1950
<b>IMDG CLASS</b>	2.1	<b>IMDG PACK GR.</b>	N/A
<b>EMS</b>	F-D, S-U	<b>MFAG</b>	See Guide
<b>MARINE POLLUTANT</b>	No.	<b>UN NO. AIR</b>	1950
<b>AIR CLASS</b>	2.1	<b>AIR PACK GR.</b>	N/A

**15 REGULATORY INFORMATION****SYMBOLS**

Irritant



Dangerous for the environment

**CONTAINS**

d-LIMONENE

**RISK PHRASES**

R10	Flammable.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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
S23	Do not breathe vapour/spray.
S24	Avoid contact with skin.
S37	Wear suitable gloves.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.

**UK REGULATORY REFERENCES**

Chemicals (Hazard Information &amp; Packaging) Regulations.

The Control of Substances Hazardous to Health Regulations 1988.

**ENVIRONMENTAL LISTING**

Rivers (Prevention of Pollution) Act 1961. Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980.

**EU DIRECTIVES**

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

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. Safety Data Sheets for Substances and Preparations.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

### LABEL REMOVER 200ML

#### 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** SEPTMBER 2008

**REV. NO./REPL. SDS** 3

**GENERATED**

**SDS NO.** 10525

##### RISK PHRASES IN FULL

R10	Flammable.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

##### 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.