

# SAFETY DATA SHEET

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Revision Date: 07/06/2000

REF.: CPL BULK

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

**Product name:** CLEAR PROTECTIVE LACQUER  
**Product code:** CPL BULK  
**Supplier:** ELECTROLUBE  
H.K. Wentworth Ltd.,  
Wentworth House, Blakes Road,  
Wargrave, Berkshire, RG10 8AW, United Kingdom.  
**Telephone (UK):** +44 (0) 118 9404031 **Fax No:** +44 (0) 118 9403084  
**Telephone (FR):** +33 (0) 148 15 4363  
**Telephone (DE):** +49 (0) 221 9355350

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Identification of the preparation

Chemical Name	CAS-No.	EC-No.	Class	Weight %
XYLENE, MIXTURE OF ISOMERS	1330-20-7	215-535-7	R10 Xn; R20/21 Xi; R38	< 25
~PROPAN-2-OL	67-63-0	200-661-7	F; R11 Xi; R36 R67	< 60
NON HAZARDOUS CONSTITUENTS				>15

## 3. HAZARDS IDENTIFICATION

**Most important hazards:** Highly flammable. Harmful  
**Specific hazards:** Harmful by inhalation and in contact with skin. Irritating to eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

## 4. FIRST AID MEASURES

**General advice:** Remove from exposure, lie down.  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.  
**Skin contact:** Remove immediately adhering matter.  
**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.  
**Ingestion:** Immediately give large quantities of water to drink. Consult a physician if necessary

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Extinguish with carbon dioxide, dry chemical, foam or waterspray.  
**Extinguishing media which must not be used for safety reasons:** Do not use a solid water stream as it may scatter and spread fire.  
**Specific hazards:** Highly flammable. Cool containers / tanks with spray water.  
**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus.  
**Specific methods:** Standard procedure for chemical fires.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions:</b>	Use personal protective equipment.
<b>Environmental precautions:</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up:</b>	Soak up with inert absorbent material. Shovel into suitable container for disposal.

**7. HANDLING AND STORAGE**

<b>Handling:</b>	Use only in area provided with appropriate exhaust ventilation. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. When using, do not eat, drink or smoke.
<b>Storage:</b>	Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Store in a cool and shaded area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Chemical Name:</b>	<b>National occupational exposure limits: HSC(EH40)</b>
XYLENE, MIXTURE OF ISOMERS	Long term (8 hrs) = 100ppm / 441mgm <sup>-3</sup> Short term (15 min) = 150ppm / 662mgm <sup>-3</sup>
~PROPAN-2-OL	Long term (8 hrs) = 400ppm / 999mgm <sup>-3</sup> Short term (15 min) = 500ppm / 1250mgm <sup>-3</sup>

**NON HAZARDOUS CONSTITUENTS**

<b>Engineering measures:</b>	Provide adequate ventilation.
<b>Personal protective equipment:</b>	
- <b>Respiratory protection:</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- <b>Hand protection:</b>	Prolonged exposure - solvent-resistant gloves (butylrubber)
- <b>Eye protection:</b>	goggles / safety glasses with side-shields
- <b>Skin and body protection:</b>	not required under normal use.
<b>Hygiene measures:</b>	Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form:</b>	liquid	* as propan-2-ol
<b>Colour:</b>	amber	
<b>Odour:</b>	Benzene	
<b>Boiling point/range:</b>		n/d °C
<b>Melting point/range:</b>		n/d °C
<b>Flash point:</b>		* 12 °C
<b>Autoignition temperature:</b>		> 425 °C
<b>Explosion limits:</b>	- lower	* 2.3 vol. %
	- upper	* 12 vol. %
<b>Vapour pressure:</b>	( 30 °C)	* 44 hPa
<b>Relative density:</b>	( 20 °C)	>= 0.86 <= 0.87
<b>Solubility:</b>		
<b>Water solubility</b>		immiscible g/l)
<b>Viscosity:</b>	( 20 °C)	25 mPa.s

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under recommended storage conditions..
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**Conditions to avoid:** Keep away from sources of ignition - No smoking., strong oxidising agents.  
**Materials to avoid:** strong oxidising agents  
**Hazardous decomposition products:** No decomposition if stored and applied as directed..

### 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Xylene: LD50/oral/rat = 4.3g/kg  
 IPA: LD50/oral/rat = 5.05g/kg  
**Local effects:** May cause eye or skin irritation with susceptible persons.  
**Sensitisation:** May cause sensitization by skin contact.  
**Long term toxicity:** In higher concentrations, xylene is irritating to eyes and the respiratory tract, causes drowsiness and may cause central-nervous effects (headache etc.).  
**Chronic toxicity:** Liver injury may occur.

### 12. ECOLOGICAL INFORMATION

**Mobility:**  
**Persistence and degradability:** According to the results of tests of biodegradability this product is not readily biodegradable.  
**Bioaccumulation:** No data is available on the product itself.  
**Ecotoxicity effects:** Toxic to aquatic organisms. Xylene LC50/96h/rainbow trout = 2.6-8.4 mg/l

### 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** In accordance with local and national regulations.  
**Contaminated packaging:** Do not pierce or burn even when empty

### 14. TRANSPORT INFORMATION

<b>UN-No:</b>	1263	<b>Marine pollutant:</b>	No
<b>ADR/RID</b>			
<b>Class:</b>	3	<b>Item:</b>	3 <sup>o</sup> (b)
		<b>HI/UN No:</b>	1263
<b>Proper shipping name:</b>	Paint related material		
<b>IMO</b>			
<b>Class:</b>	3.2	<b>IMDG Page:</b>	3268
<b>EmS:</b>	3-05	<b>MFAG:</b>	310
<b>Proper shipping name:</b>	Paint related material		
<b>ICAO</b>			
<b>Class:</b>	3	<b>UN/ID No.:</b>	1263
<b>Proper shipping name</b>	Paint related material		

### 15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 90/492/EEC.

- Contains: Xylene
- Symbol(s):



F - Highly flammable



Xn - Harmful

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**R-phrases(s):** R11 - Highly flammable. R20/21 - Harmful by inhalation and in contact with skin. R36/38 - Irritating to eyes and skin. R67 - Vapours may cause drowsiness and dizziness.

**S-phrases(s):** - Keep in a cool, well-ventilated place. S16 - Keep away from sources of ignition - No smoking. S24/25 - Avoid contact with skin and eyes. S33 - Take precautionary measures against static discharges.

#### 16. OTHER INFORMATION

**Revision number:** 4  
**Further information:** CN no 32089010  
Contact Name: Carolyn Booth  
Department: Technical

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