



## SAFETY DATA SHEET

### BLOC LUBE RED

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

**PRODUCT NAME** BLOC LUBE RED

**PRODUCT NO.** EBLR 10SL, 15ML

**APPLICATION** Tamper evident seal

**SUPPLIER** ELECTROLUBE. A division of  
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#### 2 HAZARDS IDENTIFICATION

Highly flammable.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

Irritating to eyes.

**CLASSIFICATION** Xi;R36. F;R11. R66, R67.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTYL ACETATE -norm	204-658-1	123-86-4	30-60%	R10 R66 R67
ETHYL ACETATE	205-500-4	141-78-6	10-30%	F;R11 Xi;R36 R66 R67
PROPAN-2-OL	200-661-7	67-63-0	10-30%	F;R11 Xi;R36 R67

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. Get medical attention.

##### SKIN CONTACT

Wash the skin immediately with soap and water. 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 and get medical attention.

## BLOC LUBE RED

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

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

#### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. In case of spills, beware of slippery floors and surfaces.

#### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

#### 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. 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

Flammable/combustible - Keep away from oxidisers, heat and flames. 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
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m3	200 ppm	966 mg/m3	
ETHYL ACETATE	WEL	200 ppm		400 ppm		
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

#### 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. It is recommended to use respiratory equipment with combination filter, type A2/P2.

#### HAND PROTECTION

Protective gloves should 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. Use protective gloves made of: Butyl rubber. Nitrile.

#### EYE PROTECTION

Wear approved safety goggles.

#### 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
COLOUR	Red
ODOUR	Characteristic

## BLOC LUBE RED

**VISCOSITY** 600-800 cps @ 20 °c (68 F) **FLASH POINT (°C)** 3.3 (37.94 F) CC (Closed cup).

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions.

#### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

May cause irritation to the respiratory system.

#### INGESTION

May cause stomach pain or vomiting.

#### SKIN CONTACT

Product has a defatting effect on skin. Prolonged or repeated exposure may cause severe irritation.

#### EYE CONTACT

Irritating to eyes.

<b>Name</b>	PROPAN-2-OL
<b>Toxic Dose 1 - LD 50</b>	5045 mg/kg (oral rat)
<b>Toxic Dose 2 - LD 50</b>	3600 mg/kg (oral-mouse)
<b>Toxic Conc. - LC 50</b>	47-73 mg/l/4h (inh-rat)
<b>Name</b>	ETHYL ACETATE
<b>Toxic Dose 1 - LD 50</b>	5620 mg/kg (oral rat)
<b>Toxic Dose 2 - LD 50</b>	18,000 mg/kg (oral-rbt)
<b>Toxic Conc. - LC 50</b>	1600 ppm/4h (inh-rat)
<b>Name</b>	BUTYL ACETATE -norm
<b>Toxic Dose 1 - LD 50</b>	14,100 mg/kg (oral rat)

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Not regarded as dangerous for the environment.

<b>Name</b>	PROPAN-2-OL
<b>LC 50, 96 Hrs, FISH mg/l</b>	9600
<b>EC 50, 48 Hrs, DAPHNIA, mg/l</b>	10000
<b>Name</b>	ETHYL ACETATE
<b>LC 50, 96 Hrs, FISH mg/l</b>	270
<b>EC 50, 48 Hrs, DAPHNIA, mg/l</b>	2306
<b>Name</b>	BUTYL ACETATE -norm
<b>LC 50, 96 Hrs, FISH mg/l</b>	>96
<b>EC 50, 48 Hrs, DAPHNIA, mg/l</b>	72.8
<b>IC 50, 72 Hrs, ALGAE, mg/l</b>	674

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

#### DISPOSAL METHODS

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

### 14 TRANSPORT INFORMATION

## BLOC LUBE RED



UK ROAD CLASS	3		
PROPER SHIPPING NAME	PAINT		
UN NO. ROAD	1263	UK ROAD PACK GR.	II
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II	HAZARD No. (ADR)	33
ADR LABEL NO.	3	HAZCHEM CODE	3YE
CEFIC TEC(R) NO.	30GF1-I+II, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	II	UN NO. SEA	1263
IMDG CLASS	3	IMDG PAGE NO.	3
IMDG PACK GR.	II	EMS	F-E, S-E
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1263	AIR CLASS	3
AIR PACK GR.	II		

### 15 REGULATORY INFORMATION

#### SYMBOLS



Irritant



Highly Flammable

#### RISK PHRASES

R11	Highly flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

#### SAFETY PHRASES

S16	Keep away from sources of ignition - No smoking.
S25	Avoid contact with eyes.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.

#### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988.

Chemicals (Hazard Information & Packaging) Regulations.

#### 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. 2001/58/EC.

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

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.

**BLOC LUBE RED**

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.

**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**

NOVEMBER 2008

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

6

**GENERATED****SDS NO.**

10801

**RISK PHRASES IN FULL**

R10	Flammable.
R11	Highly flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

**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.