

## SAFETY DATA SHEET BLOC' LUBE GREEN

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name BLOC' LUBE GREEN  
Product No. BLV, EBLV15ML, ZE

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Tamper evident seal  
Uses advised against At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

#### 1.3. Details of the supplier of the safety data sheet

Supplier ELECTROLUBE. A division of HK  
WENTWORTH LTD  
ASHBY PARK, COALFIELD WAY,  
ASHBY DE LA ZOUCH, LEICESTERSHIRE  
LE65 1JR  
UNITED KINGDOM  
+44 (0)1530 419600  
+44 (0)1530 416640  
info@hkw.co.uk

#### 1.4. Emergency telephone number

+44 (0)1530 419600 between 8.30am - 5.00pm GMT Mon – Fri

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Liq. 2 - H225
Human health	EUH066; Eye Irrit. 2 - H319; STOT SE 3 - H336
Environment	Not classified.

##### Classification (1999/45/EEC)

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

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word

Danger

Hazard Statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
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# BLOC' LUBE GREEN

Supplementary Precautionary Statements	P280	Wear protective gloves, eye and face protection.
Supplemental label information	P261	Avoid breathing vapour/spray.
	EUH066	Repeated exposure may cause skin dryness or cracking.

## 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

<b>BUTYL ACETATE -norm</b>	<b>30-60%</b>
CAS-No.: 123-86-4	EC No.: 204-658-1
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336	Classification (67/548/EEC) R10 R66 R67
<b>ETHYL ACETATE</b>	<b>10-30%</b>
CAS-No.: 141-78-6	EC No.: 205-500-4
Classification (EC 1272/2008) Flam. Liq. 2 - H225 EUH066 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R66 R67
<b>PROPAN-2-OL</b>	<b>10-30%</b>
CAS-No.: 67-63-0	EC No.: 200-661-7
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) Xi;R36. F;R11. R67.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### Composition Comments

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

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### 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! Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. 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. Get medical attention if any discomfort continues.

**4.2. Most important symptoms and effects, both acute and delayed**

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically

**SECTION 5: FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

Extinguishing media

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

**5.2. Special hazards arising from the substance or mixture**

**Hazardous combustion products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

**5.3. Advice for firefighters**

**Special Fire Fighting Procedures**

Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours.

**Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet.

**6.2. Environmental precautions**

Do not discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up**

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.

**6.4. Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in section 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

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.

**7.2. Conditions for safe storage, including any incompatibilities**

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.

**Storage Class**

Flammable liquid storage.

**7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

# BLOC' LUBE GREEN

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

#### BUTYL ACETATE -norm (CAS: 123-86-4)

##### **DNEL**

Industry	Inhalation.	Long Term	Systemic Effects	480 mg/m3
Industry	Inhalation.	Short Term	Systemic Effects	960 mg/m3
Consumer	Inhalation.	Short Term	Systemic Effects	859.7 mg/m3
Consumer	Inhalation.	Long Term	Systemic Effects	102.34 mg/m3
Consumer	Inhalation.	Long Term	Local Effects	102.34 mg/m3
Industry	Inhalation.	Long Term	Local Effects	480 mg/m3
Consumer	Inhalation.	Short Term	Local Effects	859.7 mg/m3
Industry	Inhalation.	Short Term	Local Effects	960 mg/m3

##### **PNEC**

Freshwater	0.18	mg/l
Marinewater	0.018	mg/l
Intermittent release	0.36	mg/l
STP	35.6	mg/l
Sediment (Freshwater)	0.981	mg/kg
Sediment (Marinewater)	0.0981	mg/kg
Soil	0.0903	mg/kg

## 8.2. Exposure controls

### Protective equipment



### Process conditions

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

### Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

### Respiratory equipment

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment. Use respiratory equipment with combination filter, type A2/P3. EN14387

### Hand protection

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Nitrile gloves are recommended. Gloves should conform to EN374

### Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable. EN166

### Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

### Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands 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.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Green.
Odour	Characteristic.
Solubility	Immiscible with water

# BLOC' LUBE GREEN

Viscosity 850 - 1450 mPas @ 20 °c (68 F)  
Flash point (°C) 3.3 (37.94 F) CC (Closed cup).

## 9.2. Other information

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

Stable under normal temperature conditions.

#### 10.3. Possibility of hazardous reactions

Not determined.

##### Hazardous Polymerisation

Will not polymerise.

#### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

##### Materials To Avoid

Strong oxidising substances.

#### 10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### Toxicological information

No information available.

##### 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.

##### Toxicological information on ingredients.

##### ETHYL ACETATE (CAS: 141-78-6)

##### Acute toxicity:

##### Acute Toxicity (Oral LD50)

5620 mg/kg Rat

##### Acute Toxicity (Dermal LD50)

18000 mg/kg Rabbit

##### Acute Toxicity (Inhalation LC50)

1620 ppmV (gas) Rat 4 hours

**BLOC' LUBE GREEN**  
**BUTYL ACETATE -norm (CAS: 123-86-4)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

10760 mg/kg Rat

**Acute Toxicity (Dermal LD50)**

> 14112 mg/kg Rabbit

**Acute Toxicity (Inhalation LC50)**

23.4 mg/l (vapours) Rat 4 hours

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**SECTION 12: ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Not regarded as dangerous for the environment.

**12.1. Toxicity**

**Ecological information on ingredients.**

**ETHYL ACETATE (CAS: 141-78-6)**

**Acute Toxicity - Fish**

LC50 270 mg/l

**Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 2306 mg/l Daphnia magna

**BUTYL ACETATE -norm (CAS: 123-86-4)**

**Acute Toxicity - Fish**

LC50 96 hours 18 mg/l Pimephales promelas (Fat-head Minnow)

**Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 44 mg/l Daphnia magna

**Acute Toxicity - Aquatic Plants**

EC50 72 hours 647.7 mg/l Scenedesmus subspicatus

NOEC 200 mg/l Scenedesmus subspicatus

**12.2. Persistence and degradability**

**Degradability**

There are no data on the degradability of this product.

**Ecological information on ingredients.**

**BUTYL ACETATE -norm (CAS: 123-86-4)**

**Degradability**

The product is easily biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential**

No data available on bioaccumulation.

**Ecological information on ingredients.**

**BUTYL ACETATE -norm (CAS: 123-86-4)**

**Bioaccumulative potential**

No data available on bioaccumulation.

**12.4. Mobility in soil**

**12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**Ecological information on ingredients.**

**BUTYL ACETATE -norm (CAS: 123-86-4)**

This product does not contain any PBT or vPvB substances.

**12.6. Other adverse effects**

**SECTION 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.

**13.1. Waste treatment methods**

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

**SECTION 14: TRANSPORT INFORMATION**

**14.1. UN number**

UN No. (ADR/RID/ADN)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263

**14.2. UN proper shipping name**

Proper Shipping Name	PAINT
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**14.3. Transport hazard class(es)**

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	



**14.4. Packing group**

ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

**14.6. Special precautions for user**

EMS	F-E, S-E
Emergency Action Code	•3YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No information required.

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

**Guidance Notes**

Workplace Exposure Limits EH40.

**EU Legislation**

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.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

**Authorisations (Title VII Regulation 1907/2006)**

No specific authorisations are noted for this product.

**Restrictions (Title VIII Regulation 1907/2006)**

No specific restrictions of use are noted for this product.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

<b>Issued By</b>	Helen O'Reilly
<b>Revision Date</b>	APRIL 2013
<b>Revision</b>	6
<b>SDS No.</b>	10800

**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.

**Hazard Statements In Full**

EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or 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.