



**SAFETY DATA SHEET**  
CITRONELLA LANTERN & TORCH OIL

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Compilation date: 12/09/2010

Revision date: 4/12/2018

Revision No: 5

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** CITRONELLA LANTERN & TORCH OIL

**Product code:** CITRGEN

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

**Use of substance / mixture:** \* Lamp oil for outdoor use in lanterns and torches. Advised against any other use than those identified. Unique Formula Identifier (UFI) in accordance with Commission Regulation (EU) No 2017/542. UFI: KM10-G0S6-F000-Y5SD

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

**Company name:** J.V. Barrett & Co Ltd

St Ivel Way

Warmley

Bristol

BS30 8TY

United Kingdom

**Tel:** 01179600060

**Fax:** 01179352437

**Email:** [sales@barrettine.co.uk](mailto:sales@barrettine.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 1179 600060 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.) +44 (0) 1270 502891 (Out of hours emergency number)

**Section 2: Hazards identification**

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

**Classification under CLP:** Asp. Tox. 1: H304; -: EUH066

**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. May be fatal if swallowed and enters airways.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** EUH066: Repeated exposure may cause skin dryness or cracking.

H304: May be fatal if swallowed and enters airways.

[cont...]

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**Hazard pictograms:** GHS08: Health hazard



**Signal words:** Danger

**Precautionary statements:** P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P271: Use only outdoors or in a well-ventilated area.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P331: Do NOT induce vomiting.  
P405: Store locked up.  
P501: Dispose of contents/container to hazardous waste collection point.

### 2.3. Other hazards

**Other hazards:** Just a sip of lantern and torch oil or even sucking the wick may lead to life threatening lung damage.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients:**

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS - REACH registered number(s): 01-2119456620-43-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
926-141-6	-	-	Asp. Tox. 1: H304; -: EUH066	>98%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Check for and remove any contact lenses. Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be

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difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Treat Symptomatically.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Foam. Carbon dioxide. Dry chemical powder. Sand. Dolomite or other inert material. Use water spray to cool containers. Do not use high pressure water jet as this may spread burning material.

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

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Vapour may travel considerable distance to source of ignition and flash back.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Contain the spread of the firefighting media. Do not allow run-off from firefighting to enter drains or water courses.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

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### 7.1. Precautions for safe handling

**Handling requirements:** Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** If ventilation is insufficient suitable respiratory protection must be provided.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** Avoid release to the environment

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Pale yellow

**Odour:** Characteristic odour

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Immiscible with water

**Viscosity:** 1.5 cSt @40oC

**Boiling point/range°C:** 200-250

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** 0.6

**upper:** 8.0

**Flash point°C:** >75

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** > 240

**Vapour pressure:** No data available.

**Relative density:** ca. 0.8

**pH:** No data available.

**VOC g/l:** >99%

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### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Flames. Sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

**HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS**

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	8H LC50	>5000	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Aspiration hazard	-	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### Section 12: Ecological information

#### 12.1. Toxicity

**Hazardous ingredients:**

**HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS**

ALGAE	72H ErL50	>1000	mg/l
Daphnia magna	48H EL50	>1000	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LL50	> 1000	mg/l

#### 12.2. Persistence and degradability

**Persistence and degradability:** Readily biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

#### 12.4. Mobility in soil

**Mobility:** The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

#### 12.6. Other adverse effects

**Other adverse effects:** Avoid release to the environment.

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of in accordance with Local Authority requirements.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

### Section 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** Retail packs require a child resistant closure to BS EN ISO 28317 and a tactile warning triangle.

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### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

### Section 16: Other information

#### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H304: May be fatal if swallowed and enters airways.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.