

**Productname :** LEC-KLENE  
**Ref.Nr.:** UDS000012\_3\_20170629 (EN)

**Creationdate :** 29.06.17 Version : 2.0  
**Replaces:** UDS000012\_20120907

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**LEC-KLENE**  
Bulk

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

Cleaners - Precision

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

CRC Industries UK Ltd.  
Ambersil House - Wylds Road  
Castlefield Industrial Estate  
TA6 4DD Bridgwater Somerset  
United Kingdom  
Tel.: +44 1278 727200  
Fax.: +44 1278 425644  
E-mail : hse.uk@crcind.com

### 1.4. Emergency telephone number

(+44)(0)1278 72 7200 (office hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

<b>Physical:</b>	Not classified
<b>Health:</b>	Aspiration Hazard Category 1 May be fatal if swallowed and enters airways.
<b>Environment:</b>	Not classified
<b>Other hazards :</b>	Repeated exposure may cause skin dryness or cracking.
<b>Other hazards :</b>	Not classified

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008

<b>Product identifier:</b>	Hydrocarbons,C11-C14,isoalkanes,cyclics, EC N°: 927-285-2
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**Hazard pictogram(s):**

<b>Signal word:</b>	Danger
<b>Hazard statement(s):</b>	H304 : May be fatal if swallowed and enters airways.
<b>Precautionary statement(s):</b>	P101 : If medical advice is needed, have product container or label at hand. P102 : Keep out of reach of children. P301/310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 : Do NOT induce vomiting. P501-1 : Dipose of contents/container as hazardous waste.
<b>Supplemental Hazard information:</b>	Repeated exposure may cause skin dryness or cracking.

**2.3. Other hazards**

None

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Hydrocarbons,C11-C14,isoalkanes,cyclics,

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
Hydrocarbons,C11-C14,isoalkanes,cyclics,	01-2119480162-45	-	(927-285-2)	60-100	Asp. Tox. 1, May be fatal if swallowed and enters airways.	H304	Q
<b>Explanation notes</b>							
Q : The CAS-no is only an indicative identifier to be used outside the EU for global inventory entries.							

(\* Explanation phrases : see chapter 16)

**3.2. Mixtures**

Not applicable.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>Contact with eyes :</b>	If substance has got into eyes, immediately wash out with plenty of water for several minutes Seek medical attention if irritation persists
<b>Contact with skin :</b>	Wash with water and soap. Seek medical attention if irritation persists
<b>Inhalation :</b>	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
<b>Ingestion :</b>	If swallowed do not induce vomiting Seek medical advice

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

<b>Inhalation :</b>	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	Mildly irritating to skin Symptoms : redness and pain
<b>Eye contact :</b>	Mildly irritating to eyes Symptoms : redness and pain

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

**General Advice :** If you feel unwell, seek medical advice (show the label where possible)  
If symptoms persist always call a doctor

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

water, foam, carbon dioxide or dry agent

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

Forms hazardous decomposition products  
CO,CO2

#### 5.3. Advice for firefighters

Evacuate the area  
Keep container(s) exposed to fire cool, by spraying with water  
Do not allow to enter public sewers and watercourses  
In case of fire, do not breathe fumes

### SECTION 6: Accidental release measures

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

Shut off all ignition sources  
Ensure adequate ventilation  
Wear suitable protective clothing including eye/face protection.

#### 6.2. Environmental precautions

Shut off source of leak if safe to do so  
Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

Absorb spillage in suitable inert material

### 6.4. Reference to other sections

For further information see section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat and sources of ignition  
It is advisable to take precautions to avoid contact with skin and eyes when handling the product.  
Ensure adequate ventilation  
Avoid contact with skin and eyes.  
Wash thoroughly after use  
Wear protective gloves/protective clothing/eye protection/face protection.

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

Keep container tightly closed, in a cool, well ventilated place.  
Keep out of reach of children.

### 7.3. Specific end use(s)

Cleaners - Precision

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

No information available

### 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation Keep away from heat and sources of ignition
<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>hands and skin :</b>	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.

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Recommended gloves: Nitrile  
**eyes :** Wear safety eyewear according to EN 166.

## SECTION 9: Physical and chemical properties

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

**Apperance : physical state :** Liquid.  
**colour :** Colorless.  
**pH :** Not applicable.  
**Boiling point/range :** 185 °C  
**Flash point :** 64 °C (Closed Cup)  
**Evaporation rate :** 0.04 (n-butyl acetate=1)  
**Explosion limits : upper limit :** 6.0 %  
**lower limit :** 1.0 %  
**Vapour pressure :** Not available.  
**Relative density :** 0.77 g/cm<sup>3</sup> (@ 15°C).  
**Solubility in water :** Insoluble in water  
**Auto-ignition :** 230 °C  
**Viscosity :** Not available.

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### 10.4. Conditions to avoid

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

### 10.6. Hazardous decomposition products

CO,CO<sub>2</sub>



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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>acute toxicity:</b>	based on available data the classification criteria are not met
<b>skin corrosion/irritation:</b>	based on available data the classification criteria are not met
<b>serious eye damage/irritation:</b>	based on available data the classification criteria are not met
<b>respiratory or skin sensitisation:</b>	based on available data the classification criteria are not met
<b>germ cell mutagenicity:</b>	based on available data the classification criteria are not met
<b>carcinogenicity:</b>	based on available data the classification criteria are not met
<b>toxicity for reproduction:</b>	based on available data the classification criteria are not met
<b>STOT-single exposure:</b>	based on available data the classification criteria are not met
<b>STOT repeated exposure:</b>	based on available data the classification criteria are not met
<b>aspiration hazard:</b>	May be fatal if swallowed and enters airways.

### Information on likely routes of exposure:

<b>Inhalation :</b>	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention May induce chemical pneumonia.
<b>Skin contact :</b>	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
<b>Eye contact :</b>	May cause irritation.

### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
Hydrocarbons,C11-C14,isoalkanes,cyclics,	-	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	> 5000 mg/m3
		LD50 derm.rabit	> 3000 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
Hydrocarbons,C11-C14,isoalkanes,cyclics,	-	IC50 algae	> 1000 mg/l
		LC50 fish	> 1000 mg/l
		EC50 daphnia	> 1000 mg/l

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#### 12.2. Persistence and degradability

Not readily biodegradable

#### 12.3. Bioaccumulative potential

No information available

#### 12.4. Mobility in soil

Insoluble in water

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

No information available

#### 12.6. Other adverse effects

No information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Product :** This material and its container must be disposed of in a safe way.  
Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**Contaminated packaging :** Disposal should be in accordance with local, state or national legislation

### SECTION 14: Transport information

#### 14.1. UN number

**UN-number :** Not classified as hazardous for transport

#### 14.2. UN proper shipping name

**Proper shipping name:** Not applicable.

#### 14.3. Transport hazard class(es)

**Class:** Not applicable.  
**Subsidiary risk:** Not applicable.  
**ADR/RID - Classification code:** Not applicable.

#### 14.4. Packing group

**Packing group:** Not applicable.



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#### 14.5. Environmental hazards

ADR/RID - Environmentally hazardous: No  
IMDG - Marine pollutant: No  
IATA/ICAO - Environmentally hazardous: No

#### 14.6. Special precautions for user

ADR/RID - Tunnelcode: Not applicable.  
IMDG - Ems: Not applicable.  
IATA/ICAO - PAX: Not applicable.  
IATA/ICAO - CAO: Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

### SECTION 15: Regulatory information

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

The Safety Data Sheet is compiled according to the current European requirements.  
Regulation (EC) No 1907/2006 (REACH)  
Regulation (EC) No 1272/2008 (CLP)

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information

\*Explanation hazard statements: H304 : May be fatal if swallowed and enters airways.  
REVISIONS IN CHAPTRE : Classification according to Regulation (EC) No 1272/2008  
3.1. Substances  
8.2. Exposure controls

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.  
The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.  
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