

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

#### 1.1. Product identifier

Product name: KRYLEX KP6497 ANAEROBIC ACTIVATOR (AEROSOL)

Index number: 01-005-717

Product code: LA64 AEROSOL

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

Use of substance / mixture: Solvent-based activator for anaerobic adhesives

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

Company name: Chemence Ltd  
Princewood Road  
Earlstree Industrial Estate  
Corby  
Northants  
NN17 4XD  
United Kingdom  
Tel: +44 (0) 1536 402 600  
Fax: +44 (0) 1536 400 266  
Email: [technical@chemence.com](mailto:technical@chemence.com)

#### 1.4. Emergency telephone number

Emergency tel: +44 (0) 1536 402 600 (9am - 5.30pm)

### Section 2: Hazards identification

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

Classification under CLP: Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411; Flam. Aerosol 1: H222; -: H229

Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

Label elements:

Hazard statements: H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.

H315: Causes skin irritation.

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H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

GHS09: Environmental



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P261: Avoid breathing vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing.

P302+P352: IF ON SKIN: Wash with plenty of water.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call POISON CENTER/doctor if you feel unwell.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

## 2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

\* Hazardous ingredients:

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE - REACH registered number(s): 01-2119475514-35-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
921-024-6	-	-	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411	25-50%

[cont...]

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PETROLEUM GASES, LIQUEFIED <0.1% 1,3 BUTADIENE - REACH registered number(s): 01-2119485911-31-...

270-704-2	68476-85-7	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	25-50%
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HYDROCARBONS, C6, ISOALKANES, <5% N-HEXANE - REACH registered number(s): 01-2119484651-34

931-254-9	-	-	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411	10-25%
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HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS - REACH registered number(s): 01-2119475515-33

927-510-4	-	-	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411	1-5%
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## 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. If irritation persists, obtain medical attention.

**Eye contact:** \* Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** \* Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a doctor.

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

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

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

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

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**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:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Use water spray to cool containers. Carbon dioxide. Dry chemical powder. Alcohol resistant foam.

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

**Exposure hazards:** \* Extremely flammable. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture. In combustion emits toxic fumes.

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## 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.

## 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. Eliminate all sources of ignition.

### 6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

### 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. Use non-sparking tools. Avoid sparks, flames, heat and smoking.

### 6.4. Reference to other sections

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

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Ensure lighting and electrical equipment are not a source of ignition. Keep away from direct sunlight.

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

[cont...]

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Hazardous ingredients:

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE

Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	250ppm	-	-	-

HYDROCARBONS, C6, ISOALKANES, <5% N-HEXANE

UK	250ppm	-	-	-
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HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS

UK	500ppm	-	-	-
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## DNEL/PNEC Values

Hazardous ingredients:

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE

Type	Exposure	Value	Population	Effect
DNEL	Oral	773 mg/kg/day	Workers	Systemic
DNEL	Dermal	773 mg/kg/day	Workers	Systemic
DNEL	Oral	699 mg/kg/day	Consumers	Systemic
DNEL	Dermal	699 mg/kg/day	Consumers	Systemic

## 8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: \* Self-contained breathing apparatus must be available in case of emergency.  
Gas/vapour filter, type A: organic vapours (EN141). In case of insufficient ventilation use suitable respiratory protective device.

Hand protection: Butyl gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

## Section 9: Physical and chemical properties

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

State: Aerosol

Colour: Pale green

Odour: Light, paraffinic

Evaporation rate: Fast

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Petroleum ether.

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Viscosity: Non-viscous

Kinematic viscosity: 0.36

Viscosity test method: Kinematic viscosity in 10<sup>-6</sup> m<sup>2</sup>/s at 40°C (ISO 3104/3105)

Boiling point/range°C: ~-40

Flammability limits %: lower: 1

upper: 9.5

Flash point°C: -40

Part.coeff. n-octanol/water: ~3.7

Autoflammability°C: 246

Relative density: 0.625

pH: n/a

## 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.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Conditions to avoid: Heat. Light. Flames. Sources of ignition. Direct sunlight.

### 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

### 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Hazardous ingredients:

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE

DERMAL	RBT	LD50	2001	mg/kg
ORAL	RAT	LD50	5001	mg/kg

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### HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS

IHL	RAT	LC50	>23.3	mg/l
ORL	RAT	LD50	>5840	mg/kg
SKN	RAT	LD50	>2920	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

### Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

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

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

## Section 12: Ecological information

### 12.1. Toxicity

Hazardous ingredients:

#### HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE

ALGAE	LOEC	10-100	mg/l
Activated Sludge	LOEC	10-100	mg/l
FISH	LOEC	1-10	mg/l

#### HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS

RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	>13.4	mg/l
Daphnia magna	48H EC50	3	mg/l

### 12.2. Persistence and degradability

Persistence and degradability: Rapidly biodegradable. Photodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

### 12.4. Mobility in soil

Mobility: Highly volatile. Floats on water.

[cont...]

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## 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: Toxic to aquatic organisms. Toxic to soil organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal operations: Contact waste disposal services. In accordance with local and national regulations.

Disposal of packaging: Containers should be thoroughly emptied before disposal because of the risk of explosion. Do not pierce or burn, even after use.

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

## Section 14: Transport information

### 14.1. UN number

UN number: UN1950

### 14.2. UN proper shipping name

Shipping name: AEROSOLS

### 14.3. Transport hazard class(es)

Transport class: 2

### 14.4. Packing group

### 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D

Transport category: 2

## Section 15: Regulatory information

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

Specific regulations: \* Not applicable.

### 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.

[cont...]



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### Section 16: Other information

#### Other information

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

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

Phrases used in s.2 and s.3: H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H229: Pressurised container: May burst if heated.

H280: Contains gas under pressure; may explode if heated.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

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.