

**SAFETY DATA SHEET**  
**KALSOL SOLUBLE CUTTING COOLANT**



# CHEMI-KAL

A division of Worcestershire Chemicals Ltd

Compilation date: 27/07/2022 Revision 1

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

### 1.1. Product identifier

**Product name:** KALSOL SOLUBLE CUTTING COOLANT

**REACH registered number(s):** N/A - MIXTURE

**Product code:** T1703

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

**Use of substance / mixture:** For industrial purposes only. To be diluted in water at typical levels of between 5 & 10% v/v.

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

**Company name:** Worcestershire Chemicals Ltd

Unit 6 Oakdale Trading Estate

Ham Lane

Kingswinford

DY6 7JH

**Tel:** 0044 (0)1562 755884

**Email:** info@chemi-kal.co.uk

### 1.4. Emergency telephone number

**Emergency Tel:** 0044 (0)1662 755884 office hours only

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Skin Sens. 1A: H317

**Most important adverse effects:** May cause an allergic skin reaction.

### 2.2. Label elements

**Label elements:**

**Hazard statements:** H317: May cause an allergic skin reaction.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

# SAFETY DATA SHEET

## KALSOL SOLUBLE CUTTING COOLANT

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P321: Specific treatment (see instructions on this label)

### 2.3. Other hazards

**Other hazards:** 3-iodo-2-propynyl-butylcarbamate:- Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

R0245 - REACH registered number(s): 01-2119529226-41

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	4719-04-4	-	Acute Tox. 2: H330; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Sens. 1: H317; STOT RE 1: H372	<1%

R0047 - REACH registered number(s): Exempt from REACH due to Biocidal Products Directive Article 95

259-627-5	55406-53-6	-	Eye Dam. 1: H318; Acute Tox. 4: H302; Skin Sens. 1A: H317; Aquatic Acute 1: H400	<1%
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**Contains:** 3-iodo-2-propynyl-butylcarbamate M Factors Aquatic Acute 1, H400 (M=10), Aquatic Chronic 1, H410 (M=1)

## 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. Consult a doctor.

**Eye contact:** Immediately flush with water for 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

**Inhalation:** Product contains ethanolamines which can have a strong ammoniacal odour. If poor extraction of coolant MIST and operator exposed to coolant MIST then remove to fresh air until the coolant MIST dissipates.

### 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:** Exposure may cause coughing or wheezing.

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

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

[cont...]

# SAFETY DATA SHEET

## KALSOL SOLUBLE CUTTING COOLANT

**Immediate / special treatment:** Not applicable.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

#### 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:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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

#### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. 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.

**Suitable packaging:** Plastic / Metal

#### 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.

# SAFETY DATA SHEET

## KALSOL SOLUBLE CUTTING COOLANT

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

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

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** It is always good practice to wear protective gloves when handling any industrial lubricant. After use, please wash hands with soap and water and apply barrier cream if available.

**Eye protection:** Ensure eye bath is to hand. It is always good practice when handling any industrial lubricant to wear safety glasses during use.

**Skin protection:** Protective clothing. Use a suitable barrier cream at regular intervals and observe good hygiene practices.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Amber

**Odour:** Slight Hydrocarbon

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** N/A

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

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** >250

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

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** 0.870 typ

**pH:** >9

**VOC g/l:** No data available.

### 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.

# SAFETY DATA SHEET

## KALSOL SOLUBLE CUTTING COOLANT

### 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.

### 10.5. Incompatible materials

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

### 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:**

#### R0245

DERMAL	RAT	LD50	>4000	mg/kg
ORAL	RAT	LD50	1000	mg/kg

#### R0047

DERMAL	RAT	LD50	>4000	mg/kg
ORL	RAT	LD50	1600	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Respiratory/skin sensitisation	-	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:** Exposure may cause coughing or wheezing.

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

**Other information:** The labelling of this material relates to the concentrated material within the packaging.  
The product when diluted in water will not require the same risk and safety requirements.

## Section 12: Ecological information

**SAFETY DATA SHEET**  
**KALSOL SOLUBLE CUTTING COOLANT**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** Soluble in water.

**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:** No data available.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

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

**Recovery operations:** No information available

**Disposal of packaging:** Dispose of as normal industrial waste.

**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:** 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.

**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

**SAFETY DATA SHEET**  
**KALSOL SOLUBLE CUTTING**

Page: 7

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H330: Fatal if inhaled.

H372: Causes damage to organs (respiratory system) through prolonged or repeated exposure ([inhalation (vapour)]).

H400: Very toxic to aquatic life.

**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.