



# CHEMI-KAL

A division of Worcestershire Chemicals Ltd

Compilation date: 30/11/10

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Revision No: 3

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

### 1.1. Product identifier

Product name: **KALZOL GP SOLUBLE CUTTING OIL**

Product code: w228/01/ck0036

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

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

Company name: Worcestershire Chemicals Ltd  
Unit 6 Oakdale Trading Estate  
Ham Lane  
Kingswinford  
West Midlands,  
DY6 7JH

Tel: 01562 755884

Email: [info@chemi-kal.co.uk](mailto:info@chemi-kal.co.uk)

### 1.4. Emergency telephone number

Emergency tel: Same  
(office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 2: H411; Flam. Liq. 3: H226

**Most important adverse effects:** Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

Label elements:

**Hazard statements:** H226: Flammable liquid and vapor.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H411: Toxic to aquatic life with long lasting effects.

**Signal words:** Danger



**Hazard pictograms:** GHS02: Flame

GHS09: Environmental

GHS07: Exclamation mark

**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see on this label).

P330: Rinse mouth.

P370+378: In case of fire: Use dry powder to extinguish.

### 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### SODIUM CASTOR OIL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
232-388-4	8013-05-06	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-30%

##### ISOPROPYL ALCOHOL

200-661-7	67-63-0	-	STOT SE 3: H336; Eye Irrit. 2: H319; Flam. Liq. 3: H226	10-30%
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##### PINE OIL 90 - REACH registered number(s): 01-2119553062-49- xxxx

-	8002-09-3	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Aquatic Chronic 2: H411	1-10%
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##### 2,4 DICHLORO 3,5 DIMETHYLPHENOL

2051-09-9	133-53-9	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
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##### EDTA 38%

200-573-9	64-02-8	-	Acute Tox. 4: H302; Skin Corr. 1A: H314	1-10%
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##### BDGE

2039616	112-34-5	-	Eye Irrit. 2: H319	1-10%
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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.  
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Seek medical attention.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if feeling unwell.

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

**Skin contact:** Irritation or pain may occur at the site of contact.

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

**Ingestion:** Irritation of the mouth, throat and digestive tract.

**Inhalation:** Non known

**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:** Carbon dioxide. Dry chemical powder.

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

**Exposure hazards:** Flammable.

#### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

### 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. Eliminate all sources of ignition.

#### 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. Do not use equipment in clean-up procedure which may produce sparks.

#### 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:** Ensure there is sufficient ventilation of the area. Do not handle in a confined space.  
Earth any equipment used in handling. Smoking is forbidden. Use non-sparking tools.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep away from sources of ignition.

**Suitable packaging:** Plastic drums

**Storage quantity limits:** 200 kilos

## 7.3. Specific end use(s)

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

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**PINE OIL 90**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	560 mg/m <sup>3</sup> (TLV)	-	-	-

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Respiratory protection not normally required if used as recommended.

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Chemical overalls

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Black

**Odour:** Pine  
Phenolic

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Highly soluble

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

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

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

**upper:** No data available.

**Flash point°C:** 32

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

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

**Vapour pressure:** No data available.

**Relative density:** 0.95 - 1.05

**pH:** 10-11 @20% dil

**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.

### 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:** Oxidising agents.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** Acid smoke and irritating fumes. Combustion will generate oxides of carbon

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

##### PINE OIL 90

ORL	RAT	LD50	>3200	mg/kg
SKN	RBT	LD50	>5000	mg/kg

#### Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** Irritation or pain may occur at the site of contact.

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

**Ingestion:** Irritation of the mouth, throat and digestive tract.

**Inhalation:** Non known

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

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

#### PINE OIL 90

ALGAE	72H ErC50	68	mg/l
DAPHNIA	48H EC50	73	mg/l
FISH	96H LC50	68 -80	mg/l

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

**Mobility:** Volatile. 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

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal of packaging:** Containers should be cleaned by appropriate methods and re-used or disposed of by landfill or incineration as appropriate.

**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:** UN:1993

### 14.2. UN proper shipping name

**Shipping name:** FLAMMABLE LIQUID, N.O.S.  
(ISOPROPYL ALCOHOL)

**Transport class:** 3

#### 14.4. Packing group

**Packing group:** III

#### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

#### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 3

### Section 15: Regulatory information

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

#### 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 453/2010.

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

**Phrases used in s.2 and s.3:** H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H319: Causes serious eye 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.