



# CHEMI-KAL

A division of Worcestershire Chemicals Ltd

## MATERIAL SAFETY DATA SHEET Vehicle De-Icing Screen Wash

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### Section 1: Identification of the substance/mixture and of the company/undertaking Version 4: 01/11/2021

#### 1.1. Product identifier

Product name: **Vehicle De-icing Scree Wash**  
Product code: SC30

#### 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 Ricketts Close**

### Section 2: Hazards identification

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

Classification under CHIP: Xi: R36; -: R67

Classification under CLP: Eye Irrit. 2: H319; STOT SE 3: H336

Most important adverse effects: Irritating to eyes. Vapours may cause drowsiness and dizziness.

#### 2.2. Label elements

Label elements under CLP:

Hazard statements: H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.



Signal words: **Warning**

Hazard pictograms: GHS07: Exclamation mark

Precautionary statements: P261: Avoid breathing fumes.

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

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

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

P312: Call a POISON CENTRE or doctor if you feel unwell.

Label elements under CHIP:



Hazard symbols: Irritant.

Risk phrases: R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

### 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:

PROPAN-2-OL

EINECS CAS CHIP Classification CLP Classification Percent

200-661-7 67-63-0 F: R11; Xi: R36; -: R67 Flam. Liq. 2: H225; Eye Irrit. 2: H319;

STOT SE 3: H336

10-30%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** 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. Consult a doctor.

**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. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

**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: 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**

#### **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. If outside do not approach from downwind. 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. If outside keep bystanders upwind and away from danger point.

#### **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: 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 cool, well-ventilated area. Keep container tightly closed.

#### **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:

PROPAN-2-OL

Respirable dust Workplace exposure limits:

State 8-hour TWA 15 min. STEL 8 hour TWA 15 min. STEL  
UK 999 mg/m<sup>3</sup> 1250 mg/m<sup>3</sup> - -  
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: Protective 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: Liquid  
Colour: Pink  
Odour: Characteristic odour  
Solubility in water: Miscible in all proportions  
Viscosity: Non-viscous  
Boiling point/range°C: >35 Flash point°C: 60 - 93

### **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**

### **10.6. Hazardous decomposition products**

## **Section 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Hazardous ingredients:**

PROPAN-2-OL

IVN RAT LD50 1088 mg/kg

ORL MUS LD50 3600 mg/kg

ORL RAT LD50 5045 mg/kg

SCU MUS LDLO 6 gm/kg

Relevant effects for mixture:

Effect Route Basis

Irritation OPT 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. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

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

## **Section 12: Ecological information**

### **12.1. Toxicity**

Ecotoxicity values: No data available.

### **12.2. Persistence and degradability**

Persistence and degradability: Biodegradable.

### **12.3. Bioaccumulative potential**

Bioaccumulative potential: No bioaccumulation potential.

### **12.4. Mobility in soil**

Mobility: Readily absorbed into soil.

### **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: Negligible ecotoxicity.

## **Section 13: Disposal considerations**

### **13.1. Waste treatment methods**

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

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**

### **15.2. Chemical Safety Assessment**

## Section 16: 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: H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

Legend to abbreviations: PNEC = predicted no effect concentration

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration IC50 = median inhibitory concentration dw = dry weight bw = body weight cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

OPT = optical

INH = inhalation

PCP = physico-chemical properties

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.