

## **CHEMI-KAL**

Ricketts Close  
Firs Industrial Estate  
Kidderminster  
DY11 7QN  
Registered No.:- 8088650

[Chemi-kal2011@hotmail.co.uk](mailto:Chemi-kal2011@hotmail.co.uk)

Health, Environment & Safety Group  
Telephone: 01562 755884  
Fax: 01562 825319  
Emergency telephone:  
07785337988

### **Section 1: Identification of the substance/mixture and of the company/undertaking Version 3; 30/01/2020**

#### **1.1. Product identifier**

**Product name:** STERIGLOVE(FAST EVAPORATING ALCOHOL BASED HAND SANITISER LIQUID FOR USE IN FOOD PROCESSING.

**Product code:** HAN7B

#### **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

Ricketts Close  
Firs Industrial Estate  
Kidderminster  
DY11 7QN  
United Kingdom

**Tel:** 01562 755884

**Fax:** 01562 825319

**Email:** [chemi-kal2011@hotmail.co.uk](mailto:chemi-kal2011@hotmail.co.uk)

#### **1.4. Emergency telephone number**

### **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.

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

30-50%

## 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**

**Workplace exposure limits: Respirable dust**

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:** Blue

**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

### 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:** 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

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.

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