

## **CHEMI-KAL**

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

Version 3: 30/01/2020

### **1.1. Product identifier**

Product name: **HPD 150 (Small parts solvent degreaser )**

Product code: PART

### **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

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: -: R10

Classification under CLP: Flam. Liq. 3: H226

Most important adverse effects: Flammable.

## 2.2. Label elements

Label elements under CLP:

Hazard statements: H226: Flammable liquid and vapour.

Signal words: Warning



Hazard pictograms: GHS02: Flame

Precautionary statements: P243: Take precautionary measures against static discharge.

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

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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

Rinse skin with water.

P403+235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container to hazardous or special waste collection point.

Label elements under CHIP:

Hazard symbols: Symbol not required.

Risk phrases: R10: Flammable.

### **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:

2-BUTOXYETHANOL

EINECS CAS CHIP Classification CLP Classification Percent

203-905-0 111-76-2 Xn: R20/21/22; Xi: R36/38 Acute Tox. 4: H332; Acute Tox. 4: H312;  
Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315

1-10%

## **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.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: 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 irritation of the throat.

Inhalation: No symptoms.

### **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: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

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

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour 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. Notify the police and fire

brigade immediately. Eliminate all sources of ignition. 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. 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: Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of

the area. 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. Keep away from

sources of ignition. Prevent the build up of electrostatic charge in the immediate area.

Ensure lighting and electrical equipment are not a source of ignition.

### **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:

2-BUTOXYETHANOL

Respirable dust Workplace exposure limits:

State 8 hour TWA 15 min. STEL 8 hour TWA 15 min. STEL

UK 25 ppm 50 ppm -

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 required.

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: Colourless

Odour: Characteristic odour

Viscosity: Non-viscous

Boiling point/range°C: >35 Flash point°C: 23 - 55

### 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. Stable at room temperature.

### 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. Hot surfaces. Sources of ignition. Flames.

### 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:

2-BUTOXYETHANOL

IVN RAT LD50 307 mg/kg

ORL MUS LD50 1230 mg/kg

ORL RAT LD50 470 mg/kg

Toxicity values: No data available.

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 irritation of the throat.

Inhalation: No symptoms.

## **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**

### **14.1. UN number**

UN number: UN1993

### **14.2. UN proper shipping name**

Shipping name: FLAMMABLE LIQUID, N.O.S.

### **14.3. Transport hazard class(es)**

Transport class: 3

### **14.4. Packing group**

Packing group: III

### **14.5. Environmental hazards**

Environmentally hazardous: No Marine pollutant: No

### **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**

## **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.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

R10: Flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/38: Irritating to eyes and skin.

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.