



# CHEMI-KAL

A division of Worcestershire Chemicals Ltd

## MATERIAL SAFETY DATA SHEETS

### HPD150

Unit 6 Oakdale Trading Estate  
Ham Lane  
Kingswinford  
DY6 7JH

Telephone Number: 01562 755884

Emergency Number: 07785 337988

Registered No: 8088650

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

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

Version 5: July 2025

##### **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

#### **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**

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.