

# BIO-FLUID SAFETY DATA SHEET

Prepared in accordance with Commission Regulation (EU) No 2015/830

**WASTE<sub>2</sub>O**  
manufactured by **MECHLINE**

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

**Product name:** WASTE<sub>2</sub>O BIO-FLUID (Part No.: W20.EPAK)

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

**Use of substance / mixture:** Highly specialised biological preparation for odour control and breaking down organic matter in waste systems.

### 1.3 Distributor details:

Mechline Developments Ltd, Unit 15 Carters Lane, Kiln Farm, Milton Keynes, England MK11 3ER T: +44 (0) 1908 261 511 F: +44 (0) 1908 261 522 E: info@mechline.com

### 1.4 Emergency telephone:

T: +44 (0) 1908 261 511 (9am-5:30pm GMT)

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification under CLP:** This product has no classification under CLP.

### 2.2 Label Elements

#### Precautionary statements:

P264: Wash hands thoroughly after handling.

P402+404: Store in a dry place. Store in a closed container.

### 2.3 Other hazards

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixtures

**Hazardous ingredients:** PROPAN-2-OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-5%

## 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-mins.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Remove victim to fresh air and seek medical attention if symptoms occur.

### 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:

Not applicable.

## 5. FIRE FIGHTING MEASURES

### 5.1 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

**Exposure hazards:** Not applicable.

### 5.3 Advice for fire-fighters:

Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

Refer to section 8 for personal protection details.

### 6.2 Environmental precautions:

No special environmental concerns.

### 6.3 Methods and materials 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:

Refer to section 8.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

Not applicable.

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

Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3 Specific end use(s):

No data available.

## 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:** No data available.

### 8.2 Exposure controls

**Engineering measures:** Not applicable.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Not required.

**Eye protection:** Not required.

**Skin protection:** Not required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Pale Brown

**Odour:** Slight fermentation odour

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Soluble

**Viscosity:** No data available.

**Boiling point/range°C:** >100

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

**Flash point°C:** No data available.

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

**Relative density:** 1.02 g/cm<sup>3</sup>

**VOC g/l:** No data available.

**Melting point/range°C:** >0

**upper:** No data available.

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

**Vapour pressure:** No data available.

**pH:** 6-8

### 9.2 Other information:

No data available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity:

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability:

Stable under normal conditions.

### 10.3 Possibility of 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:

Heat.

### 10.5 Incompatible materials to avoid:

Strong oxidising agents. Strong acids.

### 10.6 Hazardous decomposition products:

No data available.

## 11. TOXICOLOGICAL

### 11.1 Information on toxicological effects

**Hazardous ingredients:** PROPAN-2-OL

IVN	RAT	LD50		
ORL <td>MUS</td> <td>LD50</td> <td>1088</td> <td>mg/kg</td>	MUS	LD50	1088	mg/kg
ORL <td>RAT</td> <td>LD50</td> <td>3600</td> <td>mg/kg</td>	RAT	LD50	3600	mg/kg
ORL <td>RAT</td> <td>LD50</td> <td>5045</td> <td>mg/kg</td>	RAT	LD50	5045	mg/kg
SCU <td>MUS</td> <td>LDLO</td> <td>6</td> <td>gm/kg</td>	MUS	LDLO	6	gm/kg

**Toxicity values:** No data available.

### 11.2 Symptoms / routes of exposure:

Refer to section 4.2.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Ecotoxicity values:** No data available.

### 12.2 Persistence and degradability:

Biodegradable.

### 12.3 Bioaccumulative potential:

No bioaccumulation potential.

### 12.4 Mobility in soil:

Readily absorbed into soil.

### 12.5 Results of PBT and vPvB assessment

**PBT identification:** Product is not identified as a PBT/vPvB substance.

### 12.6 Other adverse effects:

Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Disposal operations:** Small amounts of unwanted product may be flushed with water to sewer.

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

**Transport class:** Product does not require a classification for transport.

## 15. REGULATORY INFORMATION

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

**Specific regulations:** Not applicable.

### 15.2 Chemical safety assessment:

In accordance with REACH a chemical safety assessment has been carried out for substances where necessary by the raw material supplier/s.

## 16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

**Compilation date:** 13/04/17

**Revision No:** 1

**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.

**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.