

# BIO-FLUID MSGD5 SAFETY DATA SHEET

Prepared in accordance with Commission Regulation (EU) No 453/2010

# GREASEPAK

manufactured by **MECHLINE**

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

- 1.1 Product identifier**  
**Product name:** GreasePak MSGD5 (Part No.: GP-MSGD5)
- 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 CHIP:** This product has no classification under CHIP.  
**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     | 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 | 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 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 self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and procedures:** Refer to section 8 for personal protection details.
- 6.2 Environmental precautions:** Do not discharge into drains or rivers.
- 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/m3  | 1250 mg/m3   | -          | -            |

**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:** Dark Green  
**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.  
**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:** 4-5

**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 |      | mg/kg  |
|-----|-----|------|------|--------|
| ORL | MUS | LD50 | 1088 | mg/kg  |
| ORL | RAT | LD50 | 3600 | mg/kg  |
| SCU | MUS | LDLO | 5045 | mg/kg  |
|     |     |      | 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:** Not applicable.

## 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.

**Compilation date:** 29/05/15

**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.  
R11: Highly flammable.  
R36: Irritating to eyes.  
R67: Vapours may cause drowsiness and 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.