

# 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   | -          | -            |
- 8.2 **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		
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.