

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		
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.