

BIO-FLUID MSGD5 SAFETY DATA SHEET

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

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 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 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 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	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.

Relative density: 1.02 g/cm3.

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	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	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:

Not applicable.

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: 13/04/2017

Revision No: 2

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.