

# BIO-FLUID MSGD5 SAFETY DATA SHEET

In compliance with Regulation (EC) No. 1907/2006 & 453/2010 (REACH)

# GREASEPAK

manufactured by **MECHLINE**

## 1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

- 1.1 **Product identifier:** GreasePak MSGD5 (Part No.: GP-MSGD5)  
1.2 **Use of preparation:** Highly specialised biological preparation for breaking down grease and organic matter in waste water systems.  
1.3 **Distribution:** 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 mixture**  
In compliance with directives 67/548/EEC, 1999/45/EC and their amendments: Not classified.  
2.2 **Label Elements**  
In compliance with directives 67/548/EEC, 1999/45/EC and their amendments:  
Risk Phrases: Not classified.  
Safety Phrases: Not classified.  
2.3 **Other hazards**  
Preparation is biodegradable and not classified as dangerous for the environment.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 **Mixtures - Composition:**  
**Ingredient** Alcohol  
**Cas no.** 67-63-0  
**EC no.** 200-661-7  
**Conc** 1-5%  
**Classification (EC 1272/2008)** SLOT SE 3: H336,  
Eye Irrit. 2: H319, Flam. Liq. 2: H225  
**Classification (67/548/EEC)** F Xi; R11, R36, R67

## 4. FIRST AID MEASURES

- 4.1 **Description of first aid measures**  
**In the event of exposure by inhalation:** Remove victim to fresh air and seek medical attention if symptoms occur.  
**In the event of splashes or contact with the eyes:** Immediately flush eyes with plenty of water and seek medical attention if irritation develops.  
**In the event of splashes or contact with the skin:** Wash affected area with water.  
**In the event of swallowing:** Rinse mouth and throat with water and give sips of water to drink.  
4.2 **Most important symptoms and effects, both acute and delayed**  
**General information:** The severity of the symptoms described will vary dependent of the concentration and the length of exposure.  
**Inhalation:** No specific symptoms noted.  
**Ingestion:** No specific symptoms noted. Excessive ingestion may cause nausea.  
**Skin contact:** No specific symptoms noted.  
**Eye contact:** No specific symptoms noted.  
4.3 **Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

- 5.1 **Extinguishing media:** This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.  
**Suitable methods of extinction:** Water, dry chemical or carbon dioxide.  
**Unsuitable methods of extinction:** None known.  
5.2 **Special hazards arising from the mixture:** None known.  
5.3 **Advice for fire-fighters:** Protective equipment for fire-fighters. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions, protective equipment and procedures:** No special protective clothing. (See Section 8)  
6.2 **Environmental precautions:** Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.  
6.3 **Methods and materials for containment and cleaning up:** May be flushed to drains with plenty of water.  
6.4 **Reference to other sections:** For personal protection, see Section 8.

## 7. HANDLING AND STORAGE

- 7.1 **Precautions for safe handling:** No specific usage precautions noted.  
7.2 **Conditions for safe storage, including any incompatibilities:** Store at moderate temperatures in dry, well-ventilated area. Keep in original container.  
7.3 **Specific end use(s):** The identified uses for this product are detailed in Section 1.2.  
**Usage Description:** See Product Information Sheet & Label for detailed use of this product.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**  
**Ingredient comments:** No exposure limits noted for ingredient(s).  
8.2 **Exposure controls**  
**Engineering measures:** Not relevant.  
**Personal protection measures, such as personal protective equipment**  
**Eye/face protection:** None required.  
**Hand protection:** Not required.  
**Body protection:** Not required.  
**Respiratory protection:** Not required.  
**Other Protection:** None required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**General information - Physical state:**  
**Appearance** Liquid  
**Colour** Dark Green  
**Odour** Characteristic  
**Solubility** Soluble  
**pH** 4.5  
**Specific gravity** 1.02 g/cm<sup>3</sup>

### 9.2 Other information:

None.

## 10. STABILITY AND REACTIVITY

- 10.1 **Reactivity:** No specific reactivity hazards associated with this product.  
10.2 **Chemical stability:** No particular stability concerns.  
10.3 **Possibility of hazardous reactions:** See Sections 10.1, 10.4 & 10.5.  
10.4 **Conditions to avoid:** There are no known conditions that are likely to result in a hazardous situation.  
10.5 **Incompatible materials:** No incompatible groups noted.  
10.6 **Hazardous decomposition products:** No hazardous decomposition products.

## 11. TOXICOLOGICAL

### 11.1 Information on toxicological effects

**Skin corrosion/skin irritation:** Not anticipated under normal conditions of use.  
**Serious damage to eyes/eye irritation:** Not anticipated under normal conditions of use.  
**Respiratory or skin sensitization:** Not anticipated under normal conditions of use.

## 12. ECOLOGICAL INFORMATION

- 12.1 **Toxicity:** We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.  
12.2 **Persistence and degradability:** The preparation is readily biodegradable.  
12.3 **Bio-accumulative potential:** The product does not contain any substances expected to bio-accumulate.  
12.4 **Mobility in soil:** This preparation is highly dispersible in water. It is highly likely to distribute predominantly to the aqueous environment.  
12.5 **Results of PBT and vPvB assessment:** This product does not contain any PBT or vPvB substances.  
12.6 **Other adverse effects:** Not known.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Product Waste:** Unwanted product may be flushed with water to sewer.  
**Soiled packaging:** Rinse container and consign empty container to normal waste.

## 14. TRANSPORT INFORMATION

- General:** Not classified for Transport.  
14.1 **UN Number:** Not applicable  
14.2 **UN proper shipping name:** Not applicable  
14.3 **Transport Hazard class(es):** Not applicable  
**Land**  
**Inland Waterway Transport**  
**Sea**  
**Air**  
14.4 **Packing group:** Not applicable  
14.5 **Environmental hazards:** Not applicable  
14.6 **Special precautions for user:** Not applicable

## 15. REGULATORY INFORMATION

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture:** Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010, which amends Regulation (EC) No 1907/2006.  
The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.  
15.2 **Chemical safety assessment:** Not applicable this product is a mixture.

## 16. OTHER INFORMATION

**Revision Comments:** This Material Safety Data Sheet has been prepared in accordance with REACH Commission Regulation (EU) No 453/2010, which amends Regulation (EC) No 1907/2006. There has been no change to the classification of the product. Product label requirements have been moved from Section 15 to Section 2 and Section 3 has a different layout.  
Compilation date: 20/05/13. Revision Issue 2  
**Risk Phrases in Full:** R11 Highly flammable.  
R36 Irritating to eyes.  
R67 Vapours may cause drowsiness and dizziness.

**Hazard Statements In Full:** H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Legal disclaimer:** The information provided is to the best of our knowledge correct and accurate. However, all data instructions and suggestions should be used only for guidance purposes. This company shall not be held liable for any damage resulting from handling or contact with the above product.