

GreasePak | Biological Dosing System

GreasePaK – MSGD5 - MATERIAL SAFETY DATA SHEET

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



1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY UNDERTAKING

Commercial product name: Multi Strain Grease Degradar
Description: A biological grease degrader and drain treatment.
Distribution: Mechline Developments Ltd, 15 Carters Lane, Kiln Farm, Milton Keynes, MK11 3ER
T: 01908 261511 F: 01908 261522
E: info@mechline.com

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical composition: An aqueous solution containing naturally occurring micro-organisms, preservative and thickener.
CAS No. Not applicable, product is a preparation
Classification/symbol: Not classified as hazardous

3. HAZARDS IDENTIFICATION

Excessive ingestion may cause nausea or diarrhoea. May be irritant to skin and eyes. Preparation does not present any danger to the environment.

4. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical composition: Naturally occurring non-pathogenic bacterial cultures, thickener and preservative.
CAS number: Not applicable - product is a preparation

5. FIRST AID MEASURES

Skin contact: Wash off with plenty of water.
Eye contact: Wash immediately with copious quantities of water.
Ingestion: Rinse mouth and throat and drink water to dilute.
Inhalation: not applicable.
If symptoms persist seek medical advice

6. FIRE FIGHTING MEASURES

Suitable fire fighting extinguishing media: Any
Non-suitable media: None
Special exposure hazards: None
Protection against fire and explosions: Not applicable

7. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8.
Environmental precautions: Avoid uncontrolled excessive release to drains. The product contains natural bacterial strains to digest cellulose, fats, oils and greases, proteins and starch through enzymatic metabolism in the drainage system.
Clean-up procedures: Small releases should not pose any hazard to the local environment. Wash spillage site with water.

8. HANDLING AND STORAGE

Handling requirements: The material should be handled under good housekeeping practices. Wash hands after use. Keep away from drinking water sources.
Storage conditions: Store in a cool and dry place. Avoid freezing temperatures and temperatures above 45°C to preserve biological stability.
Packaging materials: Packaging can be recycled.

9. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment
Respiratory protection: Not required
Hand protection: Gloves recommended
Eye Protection: Recommended when handling large quantities

10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Opaque liquid
Odour: Faint pleasant fragrance
pH: 4-6
Solubility in water: Dispersible
Boiling Point: 100°C
Melting Point / Flash Point / Flammability: Not applicable
Vapour Pressure (mm Hg): as for H₂O
Specific Gravity: 1.01

11. STABILITY AND REACTIVITY

Material is stable under normal conditions of use
Conditions to avoid: Excessive temperature variations, below 0°C or above 45°C.
Materials to avoid: Strong acids or alkali and strong oxidizing agents.

12. TOXICOLOGICAL INFORMATION

Acute toxic effects: Not determined.
Skin irritation: Not expected.
Eye irritation: Not expected.
The bacteria in the product are all naturally occurring and are known to be non-pathogenic to humans, animals or plants.

13. ECOLOGICAL INFORMATION

Mobility: The preparation is highly dispersible in water and has a low vapor pressure. Product is likely to distribute predominantly to the aqueous environment.
Persistence and degradability: The preparation is not harmful the environment and does not present any dangers in terms of persistency and degradability.
Accumulation: Preparation is not expected to bioaccumulate due to high water solubility.
Ecotoxicity: The preparation has been formulated to cause minimal environmental impact and is not anticipated to pose any environmental hazard.
Other adverse effects: Adverse effects in the sewage treatment plant are not anticipated.
Other information: Contains Class 1 microorganisms selected from the natural environment.

14. DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of in accordance with local regulations.
Disposal of packaging: Empty packaging can be recycled.

15. TRANSPORT INFORMATION

International Regulations:
Land: Not applicable.
Inland waterways: Not applicable.
Sea: Not applicable.
Air: Not applicable.

16. REGULATORY INFORMATION

EC Regulations: This preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC. There are no special labelling requirements.
No hazard symbol, R or S phrases are required for labelling, in accordance with CHIP 3 regulations.

17. OTHER INFORMATION

The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy of completeness of this information and any recommendations or suggestions, are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product.
Date of preparation: 28/04/09
Issue No: 4