

BioSpill™ Fat Solve

Materials Safety Data Sheet - According to 917155 EC

1. Identification of Substance

Product Details: Enzyme formulation
Product Code: FS
Trade Name: Fat Solve
Informing Department: Product quality assurance

2. Composition / Data Components

Chemical characterisation: Microbial Enzymes
CAS No.: 9000 92 4/9001 92 7

3. Hazards Identification

Hazard Designation: Harmful (X): Sensitisation risk in some allergic individuals'
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX (R42)

Information pertaining to particular dangers for man and environment: AVOID skin contact and ingestion of liquids or dusts, wear protective gloves.

AVOID inhalation of liquid spray, wear protective mask (S23).

4. First Aid Measures

General Information: No special measures required.
After In halation: Supply fresh air; consult doctor in case of symptoms.
After skin contact: Product is generally not skin irritant, wash thoroughly.
After eye contact: Rinse eye thoroughly with eye wash or running water.
After ingestion: Consult doctor in case of persistent symptoms.

5 Fire Fighting Measures

Product is not inflammable. If involved in fire use water in large amounts, do not use high pressure hoses or anything else that might cause airborne spray

Protective Equipment: No special measures required.

6. Accidental Release Measures

Person related safety precautions: Not required
Measures for environmental protection: Wash away with copious water.
Measures for cleaning / collecting: Wash / dilute with copious water do not use high pressure hoses or anything else which might cause airborne spray.
Additional Information: No dangerous materials released.

7. Handling and Storage

Handling: Avoid creating dust clouds from powders. Avoid creating a spray
from liquids: Use in a well ventilated room.
Information against explosive fires: No special measures.
Store rooms and containers: No special safety / health requirements.
Storage in one common facility: No special requirements

8. Exposure Controls

Additional information about design of technical systems: Powder handling plant

should create minimum dust in environment.

Liquid handling: Equipment should not create a spray.

Components with critical values that require monitoring in the work place: Not required.

General protective & hygienic measures: The usual precautionary measures should be adhered to when handling the products.

Breathing equipment: Simple filtering mask advisable when handling powders and liquids.

Protection of hands: Impervious gloves advised when handling liquids.

Eye protection: Safety spectacles with side protection advised when handling liquids.

Health Surveillance: Staff using the enzyme should be monitored.

9. Physical and Chemical Properties

Form: According to product specification

Colour: According to product specification

Smell: Characteristic

Change in condition

Melting point/melting range: Not determined.

Boiling point/boiling range: Not determined

Flash point: Not applicable

Danger of explosion: Product is not explosive

Density According to product specification

Solubility in /miscibility with water Active components soluble. Inactive diluents (according to product specification) may be insoluble.

10. Stability And Reactivity

Thermal decomposition/.conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: None known

Dangerous products to decomposition: None known

11. Toxicological Information

Acute Toxicity: Not toxic

Primary irritant effect on the skin: Possible local irritation after long prolonged contact (refer section 8)

On the eye: Possible irritation (refer to section 8)

Sensitisation: Sensitisation risk by inhalation in some allergic individuals (refer to section 8)

Additional toxicological information: When used and handled according to specifications the product does not have any harmful effects according to our experience. The material is not subject to classification according to EC lists in the last version.

12. Ecological Information

General Notes: Not hazardous to water when diluted at least 2000X. Undiluted product should not be allowed to enter ground water, water bodies or sewerage system.

13. Disposal Considerations

Recommended for product:

Liquids and solutions of solids: Should be flushed to drain with copious amounts of water.

Solids: Small quantities may be disposed with normal refuse

Large quantities: Should be dissolved and flushed to drain with copious amounts of water.

Uncleaned packaging: Disposal must be made according to local official regulations.

14. Transport Information.

Classified non-hazardous for transporting.

15. Regulatory Information

Health & Safety at Work Act

The control of Substances Hazardous to Health Regulations 1988

Designation according to EC guidelines: Not listed as dangerous substance in Annex 1 of EEC Directive 67/548. However it is a dangerous preparation within the meaning of EEC Regulation 88/379.

16. Other Information

These data are based on present knowledge. However they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Data issued on behalf of the Company Directors to whom enquiries should be addressed. 7/01