

MATERIAL SAFETY DATA SHEET

Preparation: Apr. 25, 2007

Print Date: 04/25/2007

1. Identification of the substances and of the company

Manufacturer: Genebiotech Co., Ltd.

311-3 Gyungcheon-Ri Gyeryong-Myun Gongju-Shi, Chungnam 314-831, Korea

Supplier: Genebiotech Co., Ltd

For Emergency Health, Safety & Environmental Information Contact: Dr. Won-Tak Cho, Call (82) 2-6300-8222 (S. Korea)

For other information or to request on MSDS, Call (82) 2-6300-8222 (S. Korea)

Product Use: Animal feed

2. Hazards identification

The toxicological properties of this product have not fully investigated.

This product contains no toxicity components in humans. Powder material may form explosive dust-air mixture.

HMIS Hazard Ratings:

Health - 0, Flammability - 0, Reactivity (Stability) - 0

NFPA Hazard Ratings:

Health - 0, Flammability - 0, Instability - 0

3. Composition/information on ingredients

Substances	CAS No.	Wt %
Natufermen-AO (Fermented soybean meal and wheat bran)	None-	100

4. First aid measures

Inhalation: Move to fresh air. Treat symptomatically. Get medical attention.

Eyes: Wash immediately with water at least 15 minutes. Get medical attention if symptoms occur.

Skin: Immediately flush with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

Ingestion: Only induce vomiting at the instruction of medical personnel.

5. Fire-fighting measures

Extinguishing Media : CO₂, form, water spray.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: Carbon oxides

Unusual Fire and Explosion Hazards: None.

6. Accidental release measures

Methods for cleaning up: Shovel into suitable container for disposal. Avoid dust formation.

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7. Handling and storage

Personal precautions: Avoid breathing dust. Avoid contact with eyes, skin.

Prevention of Fire and Explosion: Keep away from sources of ignition.

Storage: Keep container tightly closed. Keep away from sources of ignition.

8. Exposure controls / personal protection

Occupational exposure controls: total particulated (OSHA) 15 mg/m³
respirable fraction (OSHA) 5 mg/m³,
total particulated (ACGIH) 10 mg/m³

Ventilation: Good general ventilation is recommended.

Respiratory protection: If engineering controls do not maintain airborne concentrations to an acceptable level, wear an NIOSH approved respirator with particulate filter. Wear respirator complied with OSHA Standard 29CFR 1910.134.

9. Physical and Chemical Properties

Appearance: Powder

Color: Dark brown color

Odor: Fermented fruits flavor

Specific gravity: 0.76

Vapour pressure : Not applicable.

Volatile fraction by weight: None

Boiling point/range: Not applicable.

Water solubility: Very low solubility.

Flash point: Not available.

10. Stability and reactivity

Stability: Stable

Incompatibility: not specified.

Hazardous decomposition products: None under normal conditions of use.

Hazardous Polymerization: Will not occur.

11. Toxicological information

Effects of Exposure

The toxicological properties of this product have not fully investigated. This product is contains no toxicity components

Inhalation: None.

Eyes: May cause transient irritation due to physical contact.

Skin: Non-irritant.

Ingestion: None

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12. Ecological information

Not applicable.

13. Disposal considerations

Discharge, treatment, or disposal is subject to national, state, provincial, or municipal laws.

14. Transport information

Not regulated for all modes of transportation.

15. Regulatory information

U.S. California Prop. 65: none

Carcinogenicity Classification (components present at 0.1% or more):

International Agency for Research on Cancer (IARC): none

American Conference of Governmental Industrial Hygienists (ACGIH): none

U.S. National Toxicology Program (NTP): none

U.S. Occupational Safety and Health Administration (OSHA): none

Chemical(s) subject to the reporting requirements of U.S. Section 313 or Title III of the Superfund

Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: none

16. Other information

The toxicological properties of this product have not fully investigated. No cancer data are available for this substance. This product is predicted to have no toxicity components in humans.

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