

Material Safety Data Sheet (according to EC-directive 91/155/EEC)

1. CHEMICAL PRODUCT IDENTIFICATION

Supplier: New Holland Extractions Ltd, Unit 2 Morgan Way, New Holland Business Park, New Holland
North Lincolnshire, DN19 7PZ UK
Tel: +44 (0)1469533111 Fax: +44 (0)1469531555

Product name: Bettergerm
Common chemical name: Defatted Wheatgerm

2. COMPOSITION / INFORMATION ON INGREDIENTS

Identification according to regulation (EC) 1272/2008

Information on hazardous ingredients: not applicable

Chemical name: Defatted Wheat Germ

<u>EINEC No.</u>	<u>CAS No.</u>	<u>Custum Tarrification</u>
n.a.	n.a.	1001 9900 94

3. HAZARD IDENTIFICATION

Identification according to regulation (EC) 1272/2008

- 3.1 Environmental hazards: nothing known about yet
- 3.2 Human health hazards: High concentration of dust in air can explode if sufficient temperatures and ignition source occurs

4. FIRST AID MEASURES

- 4.1 Ingestion: not a direct hazard
- 4.2 Inhalation: not a direct hazard
- 4.3 Skin contact: not a direct danger
- 4.4 Eye contact: rinse thoroughly with a lot of water for some minutes. See a physician if irritation persists.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

- 5.1 Suitable: water, dry chemical, CO2, or foam as appropriate for surrounding materials
- 5.2 Special Fire fighting Procedures: evacuate personnel to an upwind area. Keep fire-exposed containers cool with water spray
- 5.3 Protection of fire fighters: wear positive pressure self-contained breathing apparatus
- 5.4 Additional information of precautions: the fire and explosion hazards are considered moderate. Dust tight wiring and electrical devices recommended

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: stable under normal conditions
- 6.2 Environmental precautions: do not empty into drains and sewers, handle as food, avoid heavy dust concentrations in air. Do not store near flame of sparks.
- 6.3 Methods of cleaning up: recover as much as possible. Place the unusable portion in trash containers for disposal.

7. HANDLING AND STORAGE

- 7.1 Handling: separate from incompatible chemicals and conditions
- 7.2 Storage: avoid humid conditions, do not store near flame of sparks.
- 7.3 Suitable packaging materials: paper bags
- 7.4 Not suitable packaging materials: n.a.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- 8.1 Respiratory system protection: dust mask
- 8.2 Skin and body protection: wear as needed
- 8.3 Hand protection: wear gloves as needed
- 8.4 Eye protection: wear goggles. do not wear contact lens

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical state:	Granular
9.2 Colour:	tan, brown
9.3 Odour:	wheat-like, nutty
9.4 Boiling point:	solid, n.a.
9.5 Melting point:	n.a.
9.6 pH value:	n.a.
9.7 Solubility in water:	n.a.
9.8 Solubility in oil and solvents:	n.a.
9.9 Vapour density (air = 1):	n.a.
9.10 Flash point:	n.a.
9.11 Auto-ignition temperature:	n.a.
9.12 Lower explosion limit:	n.a.
9.13 Upper explosion limit:	n.a.
9.14 Viscosity (mpa.sec.):	n.a.

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid:	avoid heavy dust concentrations in air
10.2 Materials to avoid:	do not store near flame of sparks
10.3 Hazardous decomposition products:	high concentration of dust in air can explode if sufficient temperatures and ignition source occurs

11. TOXICOLOGICAL INFORMATION

Acute toxicity: this product is considered non-toxic and is manufactured for human consumption.

a. Oral (LD50):	n.a.
b. Dermal (LD50):	n.a.
c. Inhalation (LC50):	n.a.
11.1 Skin irritation:	not an irritant
11.2 Eye irritation:	not an irritant
11.3 Sensitization:	not a sensitizer
11.4 Chronic toxicity:	n.a.
11.5 Carcinogenicity:	n.a.

12. ECOLOGICAL INFORMATION

12.1 Comment:	biodegradable
12.2 Ecotoxicity:	n.a.

13. DISPOSAL CONSIDERATIONS

13.1 Methods of disposal: according to national regulations (suitable incineration plant)

14. TRANSPORT INFORMATION

14.1 Land / Sea / Air transport: not restricted

15. REGULATORY INFORMATION

15.1 EC regulations:	n.a.
15.2 EC classification:	n.a.
15.3 Label name:	n.a.
15.4 Hazard symbols:	n.a.
15.5 Risk phrases:	none
15.6 Safety phrases:	none

16. OTHER INFORMATION

Legend:	n.a. = not applicable or not available
Date of issue:	05-11-2013
Composed by:	J.H. Oosterhof, Quality Manager
Checked by:	G.J.E. de Wit, director

The statements made here are supposed to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics and are made to the best of our current knowledge.

Geschreven door:
J. H. Oosterhof

Gecontroleerd door:
G.J.E. de Wit