

Title : Safety Data Sheet for Malted Oats	Version number : 0	Publication Date: 07/05/2020
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1. Identification of substance and of the manufacturer.

Product Name	Malted Oats (Malt)
Product Use	Foodstuff; used primarily as an ingredient in the brewing, distilling, baking and cereal industries
Company Name	Simpsons Malt Limited
Address	Tweed Valley Maltings Tweedside Trading Estate Ord Road Berwick-upon-Tweed Northumberland TD15 2UZ
Telephone	01289 330033
Emergency Contact Details	Head of Quality - 07970200276

2. Information on main ingredients

Malt is a whole grain cereal food product. It does not contain any artificial additives, flavourings, sweeteners or flavour enhancers. Malt is not genetically modified	
Gross composition (typical):	
Carbohydrates	~ 66%
Of which Starch	~56.1%
Protein	~16.9%
Fat	~7%
Minor components	1 – 2%
Ash	3%
Water	4 – 8%
Dust	< 1%

Document Owner : David McIntosh	Sites : Tweed Valley; Tivetshall
Reviewers : David McIntosh;Alexandra Beer;Cole Mather;	SIMPSONS MALT LIMITED (including McCreath, Simpson & Prentice and John Guthrie, trading divisions)
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3. Hazards information

Not classified as hazardous under Directives 67/548/EEC and 1999/45/EC

Eyes and skin

Skin: Malt flour and dust has a drying effect and can be an irritant in prolonged contact.

Eyes: Malt dust and/or husk can cause discomfort.

Ingestion Inhalation

Non-hazardous food product.
Inhalation of dust may affect respiratory tract; exposure limits for personnel may be set under national legislation.
Allergic responses are possible with sensitive individuals.

4. First aid measures

General exposure Inhalation of dust

Not hazardous
Remove from exposure. Consult physician if coughing or other symptoms persist.

Eyes or skin

Wash with clean water

5. Fire Hazards

Special hazards

Malt dust is inflammable and under some circumstances can form explosive clouds in the air. Sources of ignition should be avoided. Equipment should be earthed to avoid electrostatic discharges. Silos and equipment should be fitted with explosion relief vents.
Minimum ignition temp. 400°C
Minimum explosible conc. 50g/m³
Minimum ignition energy, 35 mJ.

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Can give rise to hazardous fumes (oxides of carbon) on combustion.

Protective equipment

If fire is severe wear self contained breathing apparatus.

6. Accidental release

Personal protection

Not required

Environmental precautions

Avoid the material entering water courses or drains.

7. Handling and storage

Stores should be suitable for foodstuffs, cool, dry and protected from contamination with birds, insects and vermin.

Care should be taken during handling and use to avoid abrasion which might cause dust or disperse dust into the air.

8. Exposure controls

Not normally required.

9. Physical and chemical properties

Physical state:

Solid

Colour:

Pale brown or black, depending upon type

Odour:

Slight, characteristic

Density:

0.55 tonnes/cu. Metre

Angle of repose:

26° from the horizontal

Volatility:

Not volatile

Solubility:

Not soluble in water (slowly decomposes by microbial action)

Combustion temperature:

approx 220°C (for whole grain)

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- 10. Stability and reactivity**
- Stability:** Stable under normal conditions
- Incompatibility:** None known
- Hazardous combustion:** Combustion will generate oxides of carbon
- 11. Toxicological information**
- Allergen information:** Non-toxic food product
Oats do not contain gluten but may have been in contact with gluten-containing cereals unsuitable for coeliacs. Allergen labelling may be required on packaged foods made with oats and malted oats products in some countries.
- 12. Ecological information** Biodegradable. Nutrient source.
- 13. Disposal** Can be disposed of to landfill.
- 14. Transport** Not classified as hazardous under relevant Directives.
- 15. Labelling** Not applicable
- 16. Shelf Life** 12 months from date of packing
- 17. Other** The information in this Safety Data Sheet is correct to the best of Simpsons Malt knowledge.

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