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4. First aid measures

General exposure

Inhalation of dust

Not hazardous

Remove from exposure. Consult physician if coughing or other symptoms persist.

5. Fire hazards

Protection against fire and explosion: malted barley dust can cause explosive/flammable mixtures with air in the presence of a suitable source of ignition. This risk can arise if a levels of around 60gms of dust suspended per cubic meter of air occurs.

Care is needed in handling to prevent dust clouds from forming. Sources of ignition should be avoided. Equipment should be earthed to avoid electrostatic discharges. Silos and elevators/conveyors should be fitted with explosion vents.

Suitable fire extinguishing media : Water, foam, CO2

Special hazards

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, dry and protected from contamination with birds, insects and vermin.

8. Exposure controls

Not normally required



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9. Physical and chemical properties

Physical state;

Colour;

Odour;

Density;

Angle of repose;

Volatility;

Solubility:

Combustion temperature;

solid

pale brown to black, depending upon type.

slight, characteristic

0.55 tonnes/cu.metre

26° from the horizontal

Not volatile

Not soluble in water (slowly decomposes by microbial action)

approx 220°C

10. Stability and reactivity

Stability;

Incompatibility;

Hazardous combustion;

Stable under normal conditions.

None known

Combustion will generate oxides of carbon.

11. Toxicological information

Non-toxic food product

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. Other

The information in this Safety Data Sheet is correct to the best of *BESTMALZ*'s knowledge.

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Issue Number;
Date;

1
2016