



## Safety Data Sheet

according to 29 CFR 1910.1200(g)

**Dried Roast Malt Extract**

**RD34;RD50**

**Rev. Date: 01-01-2020 Issue 10**

<b>1. Identification of the Preparation and of the Company</b>	
1.1 Description:	Dried extract of Roasted Barley Malt.
1.2 Relevant identified uses of substance	Food Ingredient
1.3 Appearance:	Fine Powder.
1.4 Responsible Company:	PureMalt Products Limited; Victoria Bridge; Haddington; East Lothian EH414BD; UK
1.5 Emergency Tel. Number	Tel: + 44 (0) 1620 824 696 Fax: + 44 (0) 1620 822 018
<b>2. Hazards Identification</b>	
2.1 Classification of the substance or mixture	Hazardous substance or mixture according to US OSHA29CFR1910.1200
2.2 Label elements, including precautionary statements	
2.3 Hazards not otherwise classified (HNOC)	Hazard Category: Combustible Dust Signal Word : WARNING Hazard Statement: May form combustible Dust Concentrations in air. Unusual fire and explosion hazard; dust explosion possible. Keep away from sources of ignition, sparks and open flames. Use in well ventilated areas. Provide adequate dust control.
<b>3. Information on Ingredients</b>	
3.1 Substances	
Chemical Characterisation of Active Component:	Powder consisting primarily of complex carbohydrates.
Synonyms:	Not Applicable.
IUB Number:	Not Applicable.
CAS Number:	8002-48-0
EINECS Number:	232-310-9
Hazardous Ingredients:	No ingredients are hazardous according to OSHA criteria.
Classification of Preparation:	No components need to be disclosed according to the applicable regulations.
Exposure Limit:	Not Applicable.
<b>4. First Aid Measures</b>	
4.1 Description of first aid measures	
Skin Contact:	Wash with warm water.
Eye Contact:	Rinse eyes with plenty of water. Seek medical advice if necessary.
Ingestion:	Foodstuff – non-toxic Never give anything by mouth to an unconscious person. Rinse mouth with water.
Inhalation:	Foodstuff – non-toxic. If breathed in, move person into fresh air. If not breathing, give artificial respiration.
4.2 Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
4.3 Indication of any immediate medical attention and special treatment needed	No data available



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<b>5. Fire Fighting Measures</b>	
5.1 Suitable Fire Extinguishing Media: Non-Suitable Media	Water, Foam, Dry Chemical or Carbon Dioxide. None.
5.2 Special Exposure Hazards:	Carbon oxides Nature of decomposition products not known
5.3 Advice for firefighters	Wear self contained breathing apparatus for fire fighting if necessary.
5.4 Protection against Fire and Explosion	Avoid forming Dust Cloud Avoid sources of ignition Complete Risk assessment (see Directives 99/92/EC & 94/9/EC )
<b>6. Accidental Release Measures</b>	
6.1 Personal precautions, protective equipment and emergency procedures	Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.
6.2 Environmental precautions	Do not let product enter drains.
6.3 Methods and materials for containment and cleaning up	Sweep up and shovel. Keep in suitable, closed containers for disposal.
6.4 Reference to other sections	For disposal see section 13
<b>7. Handling and Storage</b>	
7.1 Precautions for safe handling	Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.2.
7.2 Conditions for safe storage, including any incompatibilities	Keep container tightly closed in a dry and well-ventilated place.
7.3 Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated
Unopened: Opened:	24 months maximum ambient temperature 5-25°C Product must be stored at a temperature below 25oC. Use within 3 months
<b>8. Exposure Controls/Person Protection</b>	
8.1 Control parameters Components with workplace control parameters	Contains no substances with occupational exposure limit values.
8.2 Exposure controls Appropriate engineering Controls	General industrial hygiene practice.






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<b>Recommended Personal Protection Equipment:</b>		
Respiratory Protection:	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).	
Hand Protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.	
Eye Protection:	Eye protection in enclosed areas. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).	
Body Protection	Not generally required. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace.	
Control of environmental exposure	Do not let product enter drains.	
<b>9. Physical and Chemical Properties</b>		
9.1 Information on basic physical and chemical properties		
a) Appearance:	Dark Brown/Black Powder	
b) Odour:	Characteristically malty, or roasty	
c) Odour Threshold	no data available	
d) pH	3.0-4.0	
e) Melting point/freezing point	no data available	
f) Initial boiling point and boiling range	no data available	
g) Flash point	no data available	
h) Evaporation rate	no data available	
i) Flammability (solid, gas)	no data available	
j) Upper/lower flammability or explosive limits	no data available	
k) Vapour pressure	no data available	
l) Vapour density	no data available	
m) Relative density	no data available	
n) Water solubility	99.9% soluble	
o) Partition coefficient: n- octanol/water	no data available	
p) Auto-ignition temperature	no data available	
q) Decomposition temperature	no data available	
r) Viscosity	no data available	
s) Explosive properties	no data available	
t) Oxidizing properties	no data available	
9.2 Other safety information	no data available	



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<b>10. Stability</b>	
10.1 Reactivity	no data available
10.2 Chemical stability.	This material is stable under normal storage and conditions of use.
10.3 Possibility of hazardous reactions	no data available
10.4 Conditions to avoid	no data available
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products	Other decomposition products - no data available In the event of fire: see section 5
<b>11. Toxicological Information</b>	
11.1 Information on toxicological effects	
Acute toxicity	no data available Inhalation: no data available Dermal: no data available
Skin corrosion/irritation	no data available
Serious eye damage/eye irritation	no data available
Respiratory or skin sensitisation	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	no data available
Specific target organ toxicity	
- single exposure	no data available
- repeated exposure	no data available
Aspiration hazard	no data available
Additional Information	RTECS: Not available To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
<b>12. Ecological Information</b>	The preparation is biodegradable. Its high content of sugars causes high biological oxygen demand, and release of large quantities into waterways or sewers should be av
12.1 Toxicity	no data available
12.2 Persistence and degradability	no data available
12.3 Bioaccumulative potential	no data available
12.4 Mobility in soil	no data available
12.5 Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6 Other adverse effects	no data available



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<b>13. Disposal Considerations</b>	
13.1 Waste Treatment Methods	
Product	No special disposal method required except that in accordance with current local authority regulations.
Contaminated Packaging	Dispose of as unused product
<b>14. Transport Information</b>	
UN No:	Not Applicable.
DOT (US)	Not dangerous goods
IMDG (Sea)	Not dangerous goods
IATA (Air)	Not dangerous goods
<b>15. Regulatory Information</b>	
REACH	This product does not contain any components or chemicals subject to REACH
SARA 302 Components	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components	SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards	No SARA Hazards
Massachusetts Right To Know Components	No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know Components	Malt extract CAS-No. 8002-48-0
New Jersey Right To Know Components	Malt extract CAS-No. 8002-48-0
California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Labeling:	Malt Extract (contains Barley)
<b>16. Other Information</b>	
HMIS Rating	Health hazard: 0 Chronic Health Hazard: 0 Flammability: 0 Physical Haza: 0
NFPA Rating	Health hazard: 0 Fire Hazard: 0 Reactivity Hazard: 0
Emergency Contacts	Gary Shaw + 44 (0) 1620 828 672, + 44 (0) 7801 02 02 48 Ron Duszanskyj + 44 (0) 7884 118 261