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### SECTION 1 Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product identifier

Identification of the product : Blended Material  
 Product code : MAL03  
 Trade name : Malt Extract  
 CAS No : 8002-48-0

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : For research purposes only.

#### 1.3. Details of the supplier of the safety data sheet

Company identification : **Formedium Ltd.**  
 Unit 1B Hunstanton Commercial Park Norfolk PE365JQ  
 Tel: +44(0)1485 609069  
 Fax: +44(0)1485 600510  
 E-mail: info@formedium.com

#### 1.4. Emergency telephone number

Emergency phone nr : Tel: +44(0)1485 609069 (local time : 9.00 to 17.00)  
 National Poison Information Centre : Europe UK : +44 0845 4647 (this service is only available to health professionals)  
 See [www.toxbase.org](http://www.toxbase.org) for a local poison centre

### SECTION 2 Hazards Identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

Not regulated

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008

- Hazard pictograms code : None
- Precautionary statements : None

#### 2.3. Other hazards

None under normal conditions.

### SECTION 3 Composition/Information on Ingredients

Substance : This product is not classified as hazardous

Malt Extract

### SECTION 4 First aid measures

#### 4.1. Description of first aid measures

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### SECTION 4 First Aid Measures (continued)

- Inhalation : If breathed in, move person into fresh air. If not breathing give artificial respiration.
- Skin contact : Wash off with soap and plenty of water.
- Eye contact : Flush eyes with water as a precaution.
- Ingestion : Never give anything by mouth to an unconscious person. Rinse mouth with water.

#### **4.2. Most important symptoms and effects, both acute and delayed**

**Symptoms and effects, both acute and delayed** : No data available.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

**Medical attention and special treatment needed** : No data available.

### SECTION 5 Fire-fighting Measures

#### **5.1. Extinguishing media**

- Suitable extinguishing media : Dry chemical.  
Alcohol resistant foam.  
Water spray.  
Carbon dioxide (CO<sub>2</sub>).

#### **5.2. Special hazards arising from the substance or mixture**

No data available.

#### **5.3. Advice for fire-fighters**

If necessary, wear self contained breathing apparatus for fire fighting.

#### **5.4. Further information**

No data available.

### SECTION 6 Accidental Release Measures

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapors, mist or gas.

#### **6.2. Environmental precautions**

Do not let product enter drains.

#### **6.3. Methods and material for containment and cleaning up**

Sweep up dry powder. Keep in suitable, closed container for disposal. Dispose of properly.

#### **6.4. Reference to other sections**

For disposal see Section 13.

### SECTION 7 Handling and Storage

#### **7.1. Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection.

#### **7.2. Conditions for safe storage, including any incompatibilities**

Store in dry, cool area. Keep container tightly closed in a dry and well-ventilated place.

Hygroscopic.

#### **7.3. Specific end use(s)**

No data available.

#### **Formedium Ltd.**


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### SECTION 8 Exposure Controls / Personal Protection

#### **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.

##### **Personal protective equipment**

###### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

###### **Skin 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.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Immersion protection

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: > 480 min

###### **Splash protection**

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: > 30 min

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

###### **Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

###### **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 GEN (EU).

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### SECTION 9 Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

Appearance	:	Powder with lumps
Colour	:	Light yellow
Odour	:	No data available
Odour threshold	:	No data available
pH	:	No data available
Melting point / Freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Explosion limits	:	No data available
Vapour pressure	:	No data available
Vapour density	:	No data available
Relative density	:	No data available
Water solubility	:	No data available
Partition co-efficient : N-Octanol / Water	:	No data available
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available

#### 9.2. Other safety Information

Other data	:	No data available
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### SECTION 10 Stability and Reactivity

10.1. Reactivity	:	No data available
10.2. Chemical stability	:	No data available
10.3. Possibility of hazardous reactions	:	No data available
10.4. Conditions to avoid	:	No data available
10.5. Incompatible materials	:	No data available
10.6. Hazardous decomposition products	:	No data available

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### SECTION 11 Toxicological Information

#### 11.1. Information on toxicological effects

**Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

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.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Potential health effects**

<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Skin</b>	May be harmful if absorbed through skin. May cause skin irritation.
<b>Eyes</b>	May cause eye irritation.

**Additional Information**

RTECS: Not available

### SECTION 12 Ecological Information

**12.1. Toxicity**

No data available.

**12.2. Persistence - 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**

No data available.


**12.6. Other adverse effects**

No data available.

### SECTION 13 Disposal Considerations

**13.1. Waste treatment methods**

- Product** : Offer surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging** : Dispose of as unused product.

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### SECTION 14 Transport Information

**14.1. UN Number**

Not regulated

**14.2. Proper Shipping Name**

Not classified as dangerous in the meaning of transport regulations.

**14.3. Transport hazard classification**

Not applicable

**14.4. Packing Group**

Not applicable

**14.5. Environmental hazards**

Not applicable.

**14.6. Special precautions for users**

Not applicable

**14.7. Bulk transport - annex II Marpol 73/78 – IBC**

Not applicable

### SECTION 15 Regulatory Information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EU) No. 2015/830.

**15.2. Chemical Safety Assessment**

Not established.

### SECTION 16 Other Information

**Further information**

: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Formedium Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

**Revision**

: Complete SDS revision

End of document

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