**FOOD SAFETY & QUALITY SYSTEM**
**PRODUCT DATA SHEET**
**ROASTED WHEAT MALT**

**Statement of Hazardous Nature**

Not classified as hazardous according to the criteria of Worksafe Australia

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**SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Joe White Roasted Wheat Malt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Names</td>
<td>Roasted Wheat</td>
</tr>
<tr>
<td>Product Use</td>
<td>Ready to heat ingredient for the food and beverage industries (domestic and export)</td>
</tr>
<tr>
<td>Company Name</td>
<td>CARGILL MALT ASIA PACIFIC PTY LTD</td>
</tr>
<tr>
<td></td>
<td>Level 11, 28 Freshwater Place</td>
</tr>
<tr>
<td></td>
<td>Southbank, VIC 3006</td>
</tr>
<tr>
<td>Telephone</td>
<td>03 9268 7200</td>
</tr>
<tr>
<td>Emergency Telephone</td>
<td>03 9268 7200 (Business Hours)</td>
</tr>
<tr>
<td>Facsimile</td>
<td>03 9268 2677</td>
</tr>
</tbody>
</table>

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**SECTION 2 HAZARDS IDENTIFICATION AND HEALTH EFFECTS**

Not classified as hazardous according to the criteria of Worksafe Australia

**Label Elements**

- **Signal Word**: Warning
- **Pictogram(s)**: May form combustible dust concentrations in air
- **Hazard Statements**: Inhalation may aggravate those with pre-existing conditions including skin, eye and respiratory conditions
- **Other Hazards**: Allergic responses are possible with sensitive individuals

**Acute**

- **Ingestion**: Not a hazard if swallowed, with the exception of individuals that are gluten intolerant (Coeliacs Disease).
- **Eye**: Mild irritant from wheat malt dust. Direct contact may cause discomfort in some individuals.
- **Skin**: Wheat malt dust may be a mild irritant and lead to dry or itchy skin.
- **Inhaled**: Wheat malt dust may be an irritant to airway passage.
- **Chronic**: Recurrent skin contact of wheat dust may lead to dermatitis. Prolonged inhalation of wheat dust may cause the condition known as “baker’s asthma”.

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SECTION 3 INFORMATION ON MAIN INGREDIENTS

Roasted Wheat Malt is specialty grain that adds flavour and colour in the beverage and food industry.

Intended Use: Ingredient for the food and beverage industries (domestic and export)
Unintended Use: May not be fed to ruminants without blending with other ingredients

Ingredients
Wheat (Triticum aestivum)

Packaging
Polypropylene bags, bulka bag, bulk truck or lined container

SECTION 4 FIRST AID MEASURES

General Exposure
Not hazardous under anticipated conditions of normal use

Inhalation (wheat dust)
Remove to fresh air. Seek medical advice if required.

Skin (wheat dust):
Wash thoroughly with clean water.

Eye (wheat dust):
Irrigate with clean water for a minimum of 5 minutes. Seek medical attention if required.

Ingestion (wheat dust)
Allergic responses are possible with sensitive individuals. Seek medical attention if required.

First Aid Facilities
No specific requirements.

Advice to Doctor
No specific instructions.

SECTION 5 FIRE HAZARDS

Special Hazards
Wheat malt dust is combustible and under some circumstances can form explosive clouds in the air. Supports combustion at high temperatures. Sources of ignition should be avoided. Can give rise to hazardous fumes (oxides of carbon) on combustion. Equipment should be earthed to avoid electrostatic discharges.

EXERCISE CAUTION WHEN FIGHTING ANY FIRE. DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT. DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS
SECTION 6 ACCIDENTAL RELEASE

General Measures
Collect spillage. Avoid generating dust. Handle in accordance with good industrial hygiene and safety practice. Good housekeeping is needed during storage, transfer, handling and use of this material to avoid excessive dust accumulation. Spillage can be slippery on smooth surfaces either wet or dry.

Personal Protection
Persons sensitive to wheat malt dust should wear full-face dust masks at all times. Dust masks to be worn in poorly ventilated areas or where handling generates excessive dust.

Safety glasses fitted with a brow guard (a foam or soft plastic insert around the eyepiece) are necessary where handling generates excessive dust.

Emergency Procedures
Evacuate unnecessary personnel. Ventilate any areas

Environmental Precautions
Avoid the material entering public waters, water courses and drains.

SECTION 7 HANDLING AND STORAGE INFORMATION

Handling
Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas before eating, drinking or smoking and again when leaving for work

Storage and Transport
Not classified as dangerous goods. Store in a clean, cool and dry environment. Stores should be suitable for foodstuffs, and protected from contamination with birds, insects and pests.
Bulk storage in concrete, steel/fabric silos. Bag storage in polypropylene. Transport is by bulk or bagged product.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards
Grain dust TWA: 4 mg/m³

Engineering Controls
Dust extraction is recommended if handling procedure generates dust. Proper grounding procedures to avoid static electricity should be followed. Ensure all national/local regulations are observed.

Personal protective equipment

Hand protection
Wear protective gloves

Eye protection
Chemical goggles or safety glasses.

Skin and body protection
Not available
Respiratory protection  Persons sensitive to wheat malt dust should wear full-face dust masks at all times. Dust masks to be worn in poorly ventilated areas or where handling generates excessive dust.

Other information  When using, do not eat, drink or smoke.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Appearance of a dark brown wheat grain, with a burnt odour</td>
</tr>
<tr>
<td>Boiling/Melting Point</td>
<td>Decomposes</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.65 to 0.75 g/cm³ (Approx. Bulk Density)</td>
</tr>
<tr>
<td>Ignition Temperature</td>
<td>360°C (layer dust)</td>
</tr>
<tr>
<td>Flammability Limits</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

SECTION 10 STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable under normal conditions</td>
</tr>
<tr>
<td>Incompatibility</td>
<td>None known</td>
</tr>
<tr>
<td>Hazardous Combustion</td>
<td>Combustion will generate oxides of carbon</td>
</tr>
</tbody>
</table>

SECTION 11 TOXICOLOGICAL INFORMATION

Non-toxic food product

Allergen Information  Roast Wheat Malt contains gluten and is unsuitable individuals that are gluten intolerant (Coeliacs Disease).

SECTION 12 ECOLOGICAL INFORMATION

Biodegradable. Nutrient Source

SECTION 13 DISPOSAL

Can be disposed of to landfill

SECTION 14 TRANSPORT

Not classified as hazardous under relevant Directives

SECTION 15 LABELLING

Not applicable
SECTION 16 SHELF LIFE

2 years

SECTION 17 OTHER

Although roasted wheat malt is inherently non-hazardous material, under inadequate handling and storage conditions, potential hazards may occur.

Precautions should be taken in grain storage in order to minimise dust brought about by impact or abrasion and by insect or rodent infestation. This dust may contain particles of husk, rootlets or endosperm. Wheat malt dust may become airborne and if at high concentrations and in the presence of an ignition source, at times, may cause fire and explosion.

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