Statement of Hazardous Nature

Not classified as hazardous according to the criteria of Worksafe Australia

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Joe White Pale Malt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Names</td>
<td>Malt, Malted Barley, Ale Malt, Lager Malt, Pilsener Malt, Pilsner Malt, Vienna Malt</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></td>
<td>AUSTRALIA</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>

SECTION 2 HAZARDS IDENTIFICATION AND HEALTH EFFECTS

Not classified as hazardous according to the criteria of Worksafe Australia

Label Elements
Signal Word

Pictogram(s)

Hazard Statements
Inhalation may aggravate those with pre-existing conditions including skin, eye and respiratory conditions
Allergic responses are possible with sensitive individuals
Contains gluten
May contain sulphites

Other Hazards

Acute
Ingestion
Not a hazard if swallowed, with the exception of individuals that are gluten intolerant (Coeliacs Disease).

Eye:
Mild irritant from malt dust. Direct contact may cause discomfort in some individuals.

Skin:
Malt dust may be a mild irritant and lead to dry or itchy skin.

Inhaled
Malt dust may be an irritant to airway passage.

Chronic
Recurrent skin contact of malt dust may lead to dermatitis. Prolonged inhalation of malt dust may cause the condition known as “baker’s asthma”.

PSDS-3 (REV 3) 31st October 2018 Page 1 of 5 UNCONTROLLED WHEN PRINTED
SECTION 3 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

**Intended Use**
Ready to heat ingredient for the food and beverage industries (domestic and export)

**Unintended Use**
May not be fed to ruminants without blending with other ingredients

**Ingredients**
Barley (*Hordeum Vulgare*), Malting Grade Australian varieties, as approved by the Malting and Brewing Industry Barley Technical Committee (MBIBTC)

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

SECTION 4 FIRST AID MEASURES

**General Exposure**
Not hazardous under anticipated conditions of normal use

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

**Skin (Malt dust)**
Wash thoroughly with clean water.

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

**Ingestion (Malt 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**
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 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) is 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/m^3

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 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 barley grain with a sweet, malty 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>0.50 to 0.60 g/cm³ (Approx. Bulk Density)</td>
</tr>
<tr>
<td>Ignition Temperature</td>
<td>300°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  Barley is a gluten-containing cereal and is unsuitable for Coeliacs May contain sulphites

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 Pale 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. 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.

Disclaimer
Cargill Malt Asia Pacific Pty Ltd (Cargill Malt) provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. All statements are made and all information is provided without guarantee, express or implied. This document is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel. Individuals receiving the information must exercise their individual judgment in determining the appropriateness for a particular purpose.

To the extent permitted by law, Cargill Malt makes no representations or provides no warranties, either express or implied, including without limitation any warranties or acceptable quality and/or fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Cargill Malt will not be responsible for damages resulting from use of or reliance on this information and to the extent permitted by law disclaims all liability in connection with the use of the products or information contained herein. All such risks are assumed by the purchaser/user. To the extent that Cargill Malt cannot legally exclude its liability as contained herein, Cargill Malt’s liability is limited to (at Cargill Malt’s option) to refund the price of the affected goods supplied or the resupply of those goods.