

# Safety Data Sheet

Revision: 04/28/2014

Hazard information is provided for compliance with both the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations

## IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**PRODUCT NAME:**  
BisMalt-20

**PRODUCT CODE:**  
B520

### **SUPPLIER:**

Anatrace Products, LLC. 434 West Dussel Drive, Maumee, OH 43537 Phone: (419) 740-6600  
Please visit our website at for contact information on Anatrace product distributors within your area.

### **Emergency Contact:**

Chemtrec (800) 424-9300  
Outside USA & Canada (703) 527- 3887  
Chemtrec ID# 696910

## HAZARDS IDENTIFICATION

### GHS

### LABEL ELEMENTS

#### **Hazard statements**

H303: May be harmful if swallowed  
H313: May be harmful in contact with skin  
H333: May be harmful if inhaled

#### **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. P342+ P311 If experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.  
P501 Dispose of contents/containers to an approved disposal plant.

### CHIP

#### **R & S phrases**

R:42/43 May cause sensitization by inhalation and skin contact.  
R:36/37/38 Irritating to eyes, respiratory system and skin.  
S:22 Do not breathe dust.  
S:24 Avoid contact with skin.  
S:36/37 Wear suitable protective clothing and gloves

## COMPOSITION/INFORMATION ON INGREDIENTS

**HAZARD**  
BisMalt-20

**CAS NO.**  
1423237-53-9

**EC NO:**  
NA

**%WT**  
~100%

### **SYNONYMS**

1,20-bis-( $\beta$ -D-maltopyranosyl)  
icosane

## FIRST-AID MEASURES

### EYES:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If irritation persists, get medical advice/attention. Wash hands after handling.

### SKIN:

Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs, seek medical advice.

### INHALATION:

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

### INGESTION:

Call a POISON CENTER or doctor/physician. Rinse mouth with water.

## FIRE-FIGHTING INFORMATION

### Extinguishing media:

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

### Special firefighting procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### Unusual fire and explosions hazards:

Emits toxic fumes under fire conditions.

## ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. Collect in a manner that does not create dust and place in a suitable waste container. Avoid contact of material with skin or eyes. Use adequate ventilation.

**HANDLING AND STORAGE**

Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Store at -20°C. Keep tightly closed.

**PERSONAL PROTECTION**

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. A qualified industrial hygienist should evaluate the need for respiratory protection. Use respiratory protection approved by NIOSH (or equivalent) and appropriate to the hazard. Avoid contact of material with skin or eyes. Mechanical ventilation or local exhaust as needed to control exposure to dust, vapors or mists. Access to a safety shower and eye-wash.

**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: White solid  
Vapor Pressure: No data available  
Solubility: Water, Methanol  
Percent Volatile: No data available  
Chemical Formula: C<sub>45</sub>H<sub>64</sub>O<sub>22</sub>

Boiling Point: No data available  
Vapor Density: No data available  
Specific Gravity: No data available  
Evaporation Rate: No data available  
Melting Point: No data available

**STABILITY AND REACTIVITY****Stability:**

Stable.

**Incompatibilities:**

None.

Thermal decomposition can lead to release of toxic fumes of: carbon monoxides and carbon dioxide.

**Hazardous polymerization:**

Will not occur.

**TOXOLOGICAL INFORMATION****Acute effects:**

May be harmful if swallowed, inhaled, or absorbed through skin. May cause eye, skin and respiratory tract irritation.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

The absence of hazard, toxicity or other information does not imply that the product is safe. Handle all chemicals with due and appropriate caution and under competent supervision. Minimize exposure and contact. Use good manufacturing or laboratory practices.

**ECOLOGICAL INFORMATION**

No data available.

**DISPOSAL CONSIDERATIONS**

Waste disposal must be in accordance with appropriate Federal, State and local regulations. This product, if permitted by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fire extinguished with this material may be hazardous.

**TRANSPORTATION INFORMATION**

US DOT / IATA: No applicable information

**REGULATORY INFORMATION**

RCRA - No applicable information.

SARA 302 - No applicable information.

SARA 313 - No applicable information.

EPA TSCA Section 8(b) - This chemical substance is NOT specifically listed on the EPA TSCA Inventory. It is supplied for research and development use only, by or directly under the supervision of technically qualified individuals. NOT for manufacturing or commercial purposes. Exposure Limits - Not established.

California Proposition 65 - No applicable information.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.