

## SUCROSE, ACS GRADE

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** SUCROSE, ACS GRADE

**Product Code:** 4702

**CAS#:** 6363-53-7.

**Chemical Formula:** C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>·H<sub>2</sub>O

**Molecular Formula:** Not available

**Formula Weight:** 360.31

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**

**Name:** SUCROSE, ACS GRADE

**Toxicological Data on Ingredients:** Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### SECTION 3: HAZARDS IDENTIFICATION

**Potential Acute Health Effects:** Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

**Potential Chronic Health Effects:**

**CARCINOGENIC EFFECTS:** Not Available

**MUTAGENIC EFFECTS:** Not Available

**TERATOGENIC EFFECTS:** Not Available

**DEVELOPMENTAL TOXICITY:** Not Available. The substance may be toxic to heart. Repeated or prolonged exposure to the substance can produce target organs damage.

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water. Cold water may be used. Get medical attention if irritation occurs.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Serious Skin contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration

**Serious Inhalation:** Not Available.

**Serious Ingestion:** Not available

### SECTION 5: FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder

**Special hazards arising from the substance or mixture:** Carbon oxides Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

**Advice for firefighters:** wear self-contained breathing apparatus

**Flammable Limits:** Not Applicable

**Products of Combustion:** Not Applicable

**Fire Hazards in Presence of Various Substances:** Not Applicable

**Explosion Hazards in Presence of Various Substances:**

**Risks of explosion of the product in presence of mechanical impact:** Not available



**Special Remarks on Fire Hazards:** Not Available.  
**Special Remarks on Explosion Hazards:** Not Available.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

**Environmental precautions:** Do not let product enter drains

**Methods and materials for containment and cleaning up** Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts

### SECTION 7: HANDLING AND STORAGE

**Precautions:** Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as metals, acids.

**Storage:** Hygroscopic. Keep container tightly closed. Keep container in a cool, well-ventilated area

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

**Personal Protection in Case of a Large Spill:** Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** TWA: 5 (mg/m<sub>3</sub>) [Canada].

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance Form</b>	: Crystalline powder
<b>Odour</b>	: Not available
<b>Taste</b>	: Not available
<b>Molecular Weight</b>	: Not available
<b>Colour</b>	: White
<b>pH</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Critical Temperature</b>	: Not available
<b>Specific Density</b>	: Not Available
<b>Vapor Pressure</b>	: Not Available
<b>Vapor Density</b>	: Not available
<b>Volatility</b>	: Not Available
<b>Odor Threshold</b>	: Not Available
<b>Water/Oil Dist. Coeff.</b>	: Not Available
<b>Ionicity (in Water)</b>	: Not Available
<b>Dispersion Properties</b>	: Not Available
<b>Solubility</b>	: Soluble in water

#### **SECTION 10: STABILITY AND REACTIVITY DATA**

**Stability:** The product is stable.  
**Instability Temperature:** Not available.  
**Conditions of Instability:** Dust generation, exposure to moist air or water, incompatible materials.  
**Incompatibility with various substances:** Reactive with metals, acids  
**Corrosivity:** Non-corrosive in presence of glass.  
**Special Remarks on Reactivity:** Not available  
**Special Remarks on Corrosivity:** Not Available  
**Polymerization:** Will not occur

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

**Acute toxicity**  
LD50 Oral - Rat - 29.700 mg/kg Remarks: Behavioral:Somnolence (general depressed activity).CyanosisDiarrhea  
**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 Test Type: Mutagenicity (mammal cell test): Result: negative Remarks: (National Toxicology Program)  
**Carcinogenicity** No data available  
**Reproductive toxicity** No data available  
**Specific target organ toxicity - single exposure** No data available  
**Specific target organ toxicity - repeated exposure** No data available

#### **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not Available.  
**BOD and COD:** Not available.  
**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.  
**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.  
**Special Remarks on the Products of Biodegradation:** Not available

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

#### **SECTION 14: TRANSPORT INFORMATION**

<b>UN number:</b>		
<b>ADR/RID:</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>UN proper shipping name</b>		
<b>ADR/RID:</b> Not dangerous goods		
<b>IMDG:</b> Not dangerous goods		
<b>IATA:</b> Not dangerous goods		
<b>Transport hazard class (es):</b>		
<b>ADR/RID:</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>Packaging group:</b>		
<b>ADR/RID:</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>Environmental hazards:</b>		



ADR/RID:

IMDG Marine pollutant:

IATA:

### SECTION 15: OTHER REGULATORY INFORMATION

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

**Specific hazard:** Not Available

**Protective Equipment:** Gloves, Lab coat, Safety glasses, Dust respirator - be sure to use an approved/certified respirator or equivalent

### SECTION 16: OTHER INFORMATION

**References: Full text of H AND R-Statements.**

Not Available

**Other Special Considerations:** Not available.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

