



COLUMBUS CHEMICAL INDUSTRIES INC.

P.O. BOX 8
COLUMBUS, WISCONSIN 53925-0008
(920) 623-2140
FAX (920) 623-2577

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Sucrose

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code

Columbus Chemical Industries, Inc.

N4335 Temkin Road

Columbus, WI 53925-0008

Emergency Telephone Number

CHEMTREC 1 (800) 424-9300

Telephone Number for Information

1 (920) 623-2140

Date Prepared

03-06-2006

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Table with 6 columns: Hazardous Components (Specific Chemical Identity, Common Name(s)), CAS #, OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Row 1: Sucrose, 57-50-1, 15 mg/m³ Total, 10 mg/m³, Not Available, 100%. Row 2: 5 mg/m³ Respirable.

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Row 1: Boiling Point, Not available, Specific Gravity (H₂O = 1), 1.0. Row 2: Vapor Pressure (mm Hg), Not available, Melting Point, 186°C(367 °F). Row 3: Vapor Density (AIR = 1), Not available, Evaporation Rate (Butyl Acetate = 1), Not available.

Solubility in Water
Complete. 2 g/ml

Appearance and Odor
White odorless crystal

Section IV Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used), Flammable Limits, LEL, UEL. Row 1: Nonflammable, Not applicable, Not applicable.

Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH/MSHA-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards

May produce toxic fumes under fire conditions.

Section V Reactivity Data

| | | | | |
|-----------|----------|---|---------------------|----------------|
| Stability | Unstable | | Conditions to Avoid | Incompatibles. |
| | Stable | X | | |

Incompatibility Materials to Avoid

Oxidizers

Hazardous Decomposition or Byproducts

carbon oxides

Hazardous Polymerization**Conditions to Avoid**

| | | | |
|--|----------------|---|---------------|
| | May Occur | | Not available |
| | Will Not Occur | X | |

Section VI Health Hazard Data**Routes of Entry****Inhalation ?****Skin ?****Ingestion ?**

| | | | |
|--|-----|--|-----|
| | Yes | | Yes |
|--|-----|--|-----|

Health Hazards (Acute and Chronic)

Contact with skin or eyes may cause slight irritation. Inhalation may cause slight irritation of upper respiratory tract. Ingestions of large amounts may cause discomfort.

Carcinogenicity**NTP****IARC Monographs****OSHA REGULATED?**

| | | | |
|--|------------|------------|------------|
| | Not Listed | Not Listed | Not Listed |
|--|------------|------------|------------|

Signs and Symptoms of Exposure.

Itching, redness, swelling, burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, dizziness, and vomiting.

Medical Conditions Generally Aggravated by Exposure

Unknown.

Emergency and First Aid Procedures

EYES: immediately flush with large amounts of water for at least 15 minutes. SKIN:

wash area with soap and water. Get medical assistance if irritation persists.

INHALATION: Seek medical attention if breathing is difficult.

Section VII Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled**

Sweep up spilled material. Rinse area with water.

Waste Disposal Method

Dispose of material in accordance with all applicable Federal, state, and local regulations.

Precautions to be Taken in Handling and Storing

Keep in tightly-closed, plainly-labelled containers. Store in a cool, dry, corrosion-resistant and ventilated area.

below 0 °C (32 °F) and above 37.8 °C (100 °F).

Other Precautions

Containers, even when empty, will retain residue. Always obey hazard warnings and handle empty containers as if they were full.

Section VII Control Measures**Respiratory Protection (Specify Type)**

NIOSH/MSHA approved respirator with dust/mist cartridge.

Ventilation**Local Exhaust**

Recommended.

Special

Eye wash nearby.

Mechanical (General)

Recommended.

Other

Safety shower nearby.

Protective Gloves

Appropriate chemical-resistant gloves.

Eye Protection

Chemical safety goggles

Other Protective Clothing or Equipment

Lab coat or apron.

Work /Hygienic Practices

Wash exposed area thoroughly after handling. Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.