



COLUMBUS CHEMICAL INDUSTRIES INC.

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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)

Sodium Carbonate, Anhydrous

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

920-623-2140

Date Prepared

01-25-2005

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: Sodium Carbonate, anhydrous, 497-19-8, Not established, Not established, Not established.

*SYNONYMS: Soda Ash, Bisodium Carbonate, Carbonic acid sodium salt.

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (Not available), Specific Gravity (H2O = 1) (Not available), Vapor Pressure (mm Hg) (Not available), Melting Point (851 °C (1864 °F)), Vapor Density (AIR = 1) (Not available), Evaporation Rate (Butyl Acetate = 1) (Not available).

Solubility in Water

Complete

Appearance and Odor

white powder.

Section IV Fire and Explosion Hazard Data

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

Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray.

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 emit toxic fumes under fire conditions.

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	Incompatibles
	Stable	X		

Incompatibility Materials to Avoid

Strong acids

Hazardous Decomposition or Byproducts

Carbon monoxide, carbon dioxide.

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
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Health Hazards (Acute and Chronic)

SKIN: May cause skin irritation upon contact. EYE CONTACT: May cause eye irritation.

INHALATION: Breathing high concentrations of dust can cause respiratory irritation, central nervous effects,

cardiac arrest, respiratory inefficiency and lung toxicity. INGESTION: May cause Irritation.

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

	Not listed	Not listed	Not listed
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Signs and Symptoms of Exposure.

Irritation to eyes, skin, mucous membranes and upper respiratory tract characterized by itching, swelling, redness

and pain. Gastrointestinal discomfort and possible pain upon ingestion.

Medical Conditions Generally Aggravated by Exposure

Pre-existing respiratory or dermatological conditions may be aggravated by direct contact.

Emergency and First Aid Procedures

INGESTION: If swallowed, call a physician immediately, DO NOT INDUCE VOMITING. Do

not leave victim unattended. EYES: In case of contact, immediately flush with large amounts of water for at least 15

minutes. Call physician. INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen. Call physician. SKIN: Immediately wash skin with soap and large amounts of water.

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

Evacuate area. Wear NIOSH/MSHA-approved respirator, chemical-resistant goggles, gloves and full protective clothing. Sweep up and place in a suitable container and hold for waste disposal.

Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method

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

Precautions to be Taken in Handling and Storing

Keep in tightly closed plainly-labeled containers, stored in a cool, dry, ventilated area. Protect against physical damage and light. Keep away from heat, sparks and flame.

Other Precautions Always obey hazard warnings and handle empty containers as if they were full.

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

NIOSH/MSHA-approved dust respirator .

Ventilation

Local Exhaust Necessary.

Special Eyewash nearby.

Mechanical (General) Recommended.

Other Safety shower nearby.

Protective Gloves Appropriate chemical-resistant gloves.

Eye Protection Chemical Safety goggles.

Other Protective Clothing or Equipment Rubber boots.

Work /Hygienic Practices Contact lenses should not be worn when working with this material. Maintain eye wash

fountain and quick-drench facilities in work area. Avoid all unnecessary exposure to the chemical substance and

ensure prompt removal from skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing dust.

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