

Material Safety Data Sheet

Delta Education
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24 Hour Emergency Assistance

| | |
|---------------------------------|--|
| Section 1 Identification | |
| Product Number: | 193-6374 |
| Product Name: | Sodium Carbonate (Soda Ash) Laboratory Grade, Granular |
| | Health: 1 Flammability: 0 Reactivity: 0 |
| Trade/Chemical Synonyms | |
| Formula: | Na ⁺ CO ³⁻ |
| RTECS: | VZ4050000 |
| C.A.S | CAS# 497-19-8 |

| Section 2 Component Mixture | | | | | |
|------------------------------------|-----------------------------|---------------|------|-----|------------------|
| Sara 313 | Component | CAS Number | % | Dim | Exposure Limits: |
| <input type="checkbox"/> | Sodium Carbonate (Soda Ash) | CAS# 497-19-8 | 100% | W/W | None Established |

Section 3 Hazard Identification (Also see section 11)

FIRST AID: INGESTION: Call physician or Poison Control Center immediately. Give 2-3 cups water, if conscious. Induce vomiting only if advised by appropriate medical personnel.

Section 4 First Aid Measures

FIRST AID: INGESTION: Call physician or Poison Control Center immediately. Give 2-3 cups water, if conscious. Induce vomiting only if advised by appropriate medical personnel.

EYES: Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.

SKIN: Flush with mild soap and water.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Get immediate medical attention.

Section 5 Fire Fighting Measures

Fire Extinguisher: Any means suitable for extinguishing surrounding fire Type:

Fire/Explosion Hazards: Explosion may occur when applied to red-hot aluminum

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Section 6 Accidental Release Measures

Wear Protective equipment. Sweep up, place in a bag and hold for waste disposal. Flush residue and liquid spills to holding area for neut. Before discharge.

Section 7 Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: NIOSH approved dust mask

Mechanical: Hand Wear appropriate gloves to Protection: prevent skin exposure

Ventilation: Local Exhaust: Eye Protection: Goggles and Face Shield

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties

| | | | |
|----------------------|------------------------------------|-----------------------------|----------------|
| Melting Point: | 851° C | Specific Gravity | 2.53 |
| Boiling Point: | Decomposes | Percent Volatile by Volume: | N/A |
| Vapor Pressure: | N/A | Evaporation Rate: | N/A |
| Vapor Density: | N/A | Evaporation Standard: | |
| Solubility in Water: | Soluble | Auto ignition Temperature: | Not applicable |
| Appearance and Odor: | White poeder or granules, odorless | Lower Flamm. Limit in Air: | Not applicable |
| Flash Point: | N/A | Upper Flamm. Limit in Air: | Not applicable |

Section 10 Stability and Reactivity Information

Stability: Stable Conditions to Avoid: Application to red-hot aluminum

Materials to Avoid: Strong oxidizing agents, metals, acids, organics

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

Hazardous Polymerization: Will Not Occur

Condition to Avoid: None known

Section 11 Additional Information

Effects of overexposure: Acute: May cause eyes burns. Harmful if swallowed. Inhalation of dust may cause respiratory tract irritation, coughing or labored breathing. Excessive contact can damage nasal septum. Ingestion may be corrosive to GI tract, symptoms may include severe abdominal pain, vomiting, diarrhea and collapse. Skin contact may cause irritation w/blistering and redness. May be corrosive to eyes and cause conjunctivitis, edema and corneal destruction. Chronic: Prolonged or prolonged contact may cause sensitization. Conditions aggravated/target organs: Persons with pre-existing eye, skin or respiratory conditions may be more susceptible

DOT Classification: Not Regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

Revision No:0 Date Entered: 9/1/2006 Approved by: WPF

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