

# SAFETY DATA SHEET

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** SODA ASH DENSE  
**Control Number:** 00245  
**Product Description:** Sodium Carbonate

### COMPANY IDENTIFICATION

**Supplier:** Chemical Distribution Solutions  
1125 Oak St. Ste. 303  
Conway, AR 72032

**24 Hour Emergency Telephone:** (800) 424-9300 CHEMTREC  
**General Information:** (501) 978-1111

## SECTION 2- HAZARDS IDENTIFICATION

### GHS Classification:

[ Health ]

[ Environmental ]

[ Physical ]

Eye irritation Category 2A

### GHS Label elements, including precautionary statements

#### Pictograms



**Signal Word:** Warning

#### Health Statements:

H319 Causes serious eye irritation.

#### Precautionary statement(s)

P264 Wash skin thoroughly after handling.

P280 Wear eye protection/ face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Soda Ash	497-19-8	100

## SECTION 4 - FIRST AID MEASURES

### FIRST AID PROCEDURES:

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

# SAFETY DATA SHEET

## SECTION 5 · FIRE FIGHTING MEASURES

**Suitable Extinguishing media:** Not considered a fire hazard. Use any means suitable for extinguishing surrounding fire.

**Hazardous combustion products:** Oxides of carbon and various hydrocarbons

**Fire Fighting Procedures:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Unusual Fire and Explosion Hazards:** Not considered a fire or an explosion hazard.

## SECTION 6 · ACCIDENTAL RELEASE and DISPOSAL MEASURES

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Do not let product enter drains.

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## SECTION 7 · STORAGE AND HANDLING

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Provide appropriate exhaust ventilation at places where dust is formed. Store only in approved properly labeled containers.

## SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Provide explosion-proof ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below.

**Exposure Limits:** Soda Ash Contains no substances with occupational exposure limit values.

### Personal Protective Equipment (PPE):

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

**Skin:** If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

**Clothing:** Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

**Other Equipment:** Eye wash station and shower in close proximity to use are advised.

## SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** Not applicable

**Decomposition Temperature:** 752 °F

**Boiling Point:** 2,912 °F

**Melting/Freezing Point:** 1,564

**Vapor Pressure:** No available data

**Vapor Density (Air-1):** No available data

**Appearance/ Odor:** White powder or flakes with no appreciable odor.

**Flammability Limits:** Not applicable

**Specific Gravity:** 2.53

**Volatile %:** nil

**Evaporation Rate (Water):** No available data

**pH:** 12 at 106 g/l

**Solubility in Water:** 217 g/l

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and temperature conditions.

**Conditions to Avoid:** Keep away from water or moist air.

**Materials to Avoid:** Strong acids, and oxidizers.

**Decomposition Products:** When combusted, oxides of carbon and sodium, various hydrocarbons.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Signs and Symptoms of Overexposure:

**Skin:** Contact cause severe skin burns. Severity depends on the amount and duration of exposure.

**Eyes:** Liquid contact will cause severe eye burns. Causes serious eye damage.

**Inhalation:** Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs.

**Ingestion:** If swallowed this material causes digestive tract burns. Harmful if swallowed. Aspiration of this material into the lungs may result in damage or death.

### Acute oral toxicity:

Soda Ash: LD50 rat: 4,090 mg/kg

### Acute inhalation toxicity:

Soda Ash: LD50 rat: 5,750 mg/l 2h

### Acute dermal toxicity:

Soda Ash: LD50 rabbit; No available data

## SECTION 12 - ECOLOGICAL INFORMATION

**Aquatic Toxicity:** Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 300 mg/l - 96 h

**Bio-accumulative potential:** The methods for determining the biological degradability are not applicable to inorganic substances.

**Mobility:** Accidental spillage is not likely to penetrate the soil and contaminate groundwater.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 - TRANSPORTATION

### U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

**Proper Shipping Name:** Not a Regulated DOT Material

**Hazard Class:**

**UN Number:**

**Packaging Group:**

# SAFETY DATA SHEET

## SECTION 15 - REGULATORY INFORMATION

### US FEDERAL REGULATIONS

#### **Comprehensive Environmental Response and Liability Act (CERCLA)**

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has not been established.

#### **SARA Section 311/312 (40 CFR 370) Hazard Categories:**

Acute Health Hazard

#### **SARA Section 313 (40 CFR 372) Hazard Categories:**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA

**Clean Air Act:** None of the chemicals in this product are listed as Hazardous Substances under the CAA.

**California Prop 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## SECTION 16 - OTHER INFORMATION

**MSDS Revision Date:** January 2015

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health:** 2

**Flammability:** 0

**Reactivity:** 1

The data in this Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as warranty or representation for which Chemical Distribution Solutions assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.