

SAFETY DATA SHEET



SECTION 1 · COMPANY AND PRODUCT IDENTIFICATION

PRODUCT

Product Name: SODA ASH LIGHT
Control Number: 0226
Product Description: Sodium Carbonate

COMPANY IDENTIFICATION

Supplier: COLONIAL CHEMICAL SOLUTIONS, INC.
916 West Lathrop Avenue
Savannah, Georgia 31415

24 Hour Emergency Telephone: (800)-424-9300CHEMTREC
General Information: (912)236-1331

SECTION 2 · HAZARDS IDENTIFICATION

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

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	%Weight
Soda Ash	497-19-8	≤ 100 —

Contains no impurities or stabilizing additives that exceed the threshold De Minimis reporting levels, which themselves are classified and which contribute to the classification of this product.

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SECTION 4 · FIRST AID MEASURES

FIRST AID PROCEDURES:

Eye Contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

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

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

Ingestion: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

See Section 11 for Signs and Symptoms of Exposure

SECTION 5 · FIRE FIGHTING MEASURES

Suitable Extinguishing media: Use any means suitable for extinguishing surrounding fire.

Hazardous combustion products: Oxides of carbon and sodium, 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.

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

SECTION 6 · ACCIDENTAL RELEASE MEASURES

Use personal protective equipment. Avoid dust formation. Avoid breathing dust or aerosols. Ensure adequate ventilation.

Do not let product enter drains.

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

SECTION 7 · STORAGE AND HANDLING

Handling: Avoid formation of respirable particles. Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

Storage: Keep container tightly closed in a dry and well ventilated place. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

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

Personal Protective Equipment (PPE):

Eyes: Wear appropriate protective eye glasses 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.

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SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Granules

Appearance/Odor: White / odorless

Odor threshold: No available data

pH: 11.4 (1 % Soln)

Melting point/freezing point: 1,564 °F

Initial boiling point and boiling range:

Flash point: Does not flash

Evaporation rate (BuAc=1): No available data

Flammability (solid, gas): Not Applicable

Flammability Limits: Not Applicable

Vapor pressure (mmHg): Noavailabledata

Relative Vapor density (Air=1): Noavailable data

Relative density: 0.70- 1.12

Water Solubility: 212.5 g/l

Partition coefficient: n-octanol/water: No available data

Auto-ignition temperature: NotApplicable

Decomposition temperature: 752 °F

Viscosity: Noavailabledata

SECTION 10 · STABILITY AND REACTIVITY

Chemical Stability: Stable under normal useandtemperature conditions.

Conditions to Avoid: Keepaway fromwater or moistair.

Materials to Avoid: Strong acids,and oxidizers.

Decomposition Products: Whencombusted,oxides of carbon andsodium,various hydrocarbons.

Possibility of Hazardous Reactions: Dustmay form explosivemixture inair.

SECTION 11 · TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Skin: Contact causesevereskinburns. Severitydependsontheamountandduration of exposure.

Eyes: Liquid contactwillcausesevere eyeburns.Causesseriouseyedamage.

Inhalation: Excessiveinhalationof high concentrationsmaybeharmful.Mistorvapor can irritate the throat and lungs.

Ingestion: If swallowedthis material causesdigestivetractburns.Harmfulifswallowed. Aspiration of this material into the lungsmay resultindamage ordeath.

Acute oral toxicity:

Soda Ash: LD50 rat:2800mg/kg

Acute inhalation toxicity:

Soda Ash: LD50 rabbit:2,000 mg/kg

Soda Ash: LD50 rat:2300ppm 2h

Germ Cell mutagenicity: Not classified;

Acute dermal toxicity:

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

STOT single exposure: Not classified

STOT repeated exposure: Not classified

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.

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SECTION 13 · DISPOSAL CONSIDERATIONS

Chemical waste generators must determine at the time of disposal, whether a discarded chemical is classified as a hazardous waste. Chemical additions, processing or otherwise altering this material may make waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. 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:
Poison Inhalation Hazard: No

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. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

Toxic Substance Control Act (TSCA): All components of this product are on the Chemical Substance Inventory and designated as active in U.S. commerce.

SARA Section 311/312 (40 CFR 370) Hazard Categories:
AcuteHealth 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.

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SECTION 16 · OTHER INFORMATION

SDS Revision Date: October 2024

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: 0

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Chemical Solutions makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this SDS and its contents from that originally submitted by Colonial.