

Brand: **MAXTITE**

Issue Date: 16-Jun-2023

Revision Date: 16-Jun-2023

Version 01

1. IDENTIFICATION

Product identifier**Product Name** Soda Ash, Lite**Other means of identification****SDS #** 67301**Recommended use of the chemical and restrictions on use****Recommended Use** Industrial chemical**Details of the supplier of the safety data sheet****Supplier Address**Pacific Innovations LLC
129 Seegers Avenue
Elk Grove Village, IL 60007
1-503-455-8581**Emergency telephone number****Emergency Telephone** INFOTRAC 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Physical state Solid**Classification**

Serious eye irritation

Category 2A

Signal Word

Warning

Hazard statements

Causes serious eye irritation

May form combustible dust concentrations in air

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Sodium Carbonate	497-19-8	➤ 95%

*For the full text of the H-Statements mentioned in this section, see Section 16.

4. FIRST AID MEASURES

Description of first aid measures

General Advice	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a specialist.
Skin Contact	Rinse with water and soap. Get medical attention if irritation develops and persists. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
Ingestion	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Rinse mouth with water. Do NOT induce vomiting.

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use an extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media High volume water jet.

Protective equipment and precautions for firefighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment. Avoid dust formation. Avoid breathing dust. For personal protection see Section 8.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment and Clean-Up Neutralize with acid.
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Avoid contact with skin, eyes or clothing. Avoid formation of dust. Provide appropriate exhaust ventilation at places where dust is formed. Smoking, eating, and drinking should be prohibited in the application area. Wear protective gloves/protective clothing and eye/face protection.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.
Electrical installations/working materials must comply with the technological safety standards.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Engineering Controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.

Skin and Body Protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Additional protection may be necessary to prevent skin contact including use of apron, face shield, boots, or full body protection.

Respiratory Protection In the case of dust formation, use a respirator with filter type P1.
Use respirators and components tested and approved under appropriate government standards such as NIOSH.

General Hygiene Considerations Ensure that eyewash stations and safety showers are close to the workstation location. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Crystalline solid	Odor	Not determined
Appearance	Powder	Odor Threshold	Not determined
Color	White		
Property	Values	Remarks • Method	
pH	11.6; 50 g/l		
Melting point / freezing point	851 C		
Initial boiling point and boiling range	No data available		
Flash point	Not applicable		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not combustible		
Flammability Limit in Air			
Vapor Pressure	Not applicable		
Vapor Density	Not applicable		
Relative Density	2.52 – 2.53; 20C		
Water Solubility	212.5 g/l; 20C		
Decomposition Temperature	≥ 1600C		
Autoignition temperature	≥ 400C		

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Dust may form explosive mixture in air.

Conditions to Avoid

Avoid moisture. Avoid raising dust.

Incompatible materials

Acids. Aluminum powder. Fluorine. Lithium. 2,4,6-trinitrotoluene.

Hazardous decomposition products

Sodium oxides. Carbon oxides (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Avoid inhalation of dust.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Carbonate 497-19-8	= 2800 mg/kg (Rat)	≥ 2000 mg/kg (Rabbit)	2300 ppm (rat;2 hr)

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Cough, Shortness of breath, Headache, Nausea, Vomiting. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Not irritating.

Eye irritation Causes severe eye irritation.

Carcinogenicity Carcinogenicity classification not possible from current data.

IARC/ACGIH/NTP/OSHA No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Sodium Carbonate 497-19-8	No data available	LC50: ≈300 mg/L (96h, Lepomis macrochirus)	EC50: 265 mg/L (48h, Daphnia magna)

Persistence/Degradability

No data available

Bioaccumulation

Not bioaccumulative.

Mobility

No data available

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Remove waste in accordance with local and/or national regulations.

Contaminated Packaging Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated as a dangerous good

IATA

Not regulated as a dangerous good

IMDG

Not regulated as a dangerous good

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	ENCS	IECSC	KECL	PICCS	AIC
Sodium Carbonate	X	ACTIVE	X	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

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.

SARA 311/312

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Component	Pennsylvania	Massachusetts	New Jersey
Sodium Carbonate 497-19-8	Yes	Yes	Yes

16. OTHER INFORMATION**NFPA****Health hazards****Flammability****Instability****Special hazards**

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HMIS**Health hazards****Flammability****Physical hazards****Personal Protection**

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Not determined

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Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet