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# SAFETY DATA SHEET

## PRO Dye Activator

SOS #:  
497-19-8  
Revision  
date:  
2015-03-30  
Format:  
NA  
Version 5

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

Product Name Sodium Carbonate, Anhydrous

#### Other means of identification

Product Code(s) 497-19-8

Synonyms Sodium carbonate; Carbonic acid. disodium salt; Disodium carbonate

Chemical Family Alkali salt

#### Recommended use of the chemical and restrictions on use

Recommended Use: Glass manufacture, Personal care, Detergent, Water treatment chemical, Chemical processing

Restrictions on Use: See section 16 for more information

#### Supplier Address

PRO Chemical & Dye  
126 Shove Street  
Fall River, MA 02724  
508-676-3838

#### Emergency telephone number

Emergency Telephone Numbers:  
800-255-3924 ChemTel. (United States)  
+ 1 01 813-248-0585 (Outside the United States)

### 2. HAZARDS IDENTIFICATION

#### Classification

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation



GHS Label elements, including precautionary statements

EMERGENCY OVERVIEW

**Warning**

**Hazard Statements**

H319 – Causes serious eye irritation



**Precautionary Statements - Prevention**

P264 - Wash face, hands and any exposed skin thoroughly after handling

P28D - Wear eye protection/ face protection

**Precautionary Statements - Response**

P3D5 + 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

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

May be harmful if swallowed.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Family Formula	Alkali salt. Na <sub>2</sub> CO <sub>3</sub> )	CAS-No	Weight%
Chemical name Sodium carbonate		497-19-8	100

Synonyms are provided in Section 1.

**4. FIRST AID MEASURES**

Eye Contact	Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. If symptoms persist, call a physician.
Skin Contact	Wash off with warm water and soap. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use.
Inhalation	Remove person to fresh air. If signs/symptoms continue, get medical attention.

<b>Ingestion</b>	Never give anything by mouth to an unconscious person Get medical attention if symptoms occur
<b>Most important symptoms and effects. both acute and delayed</b>	Causes serious eye damage / eye irritation.
<b>Indication of immediate medical attention and special treatment needed, if necessary</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing Media</b>	Use extinguishing agent suitable for type of surrounding fire.
<b>Specific Hazards Arising from the Chemical</b>	Non-combustible substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes
<b>Hazardous Combustion Products</b>	Fumes of sodium oxide. Carbon oxides (COx).
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	Not sensitive.
<b>Sensitivity to Static Discharge</b>	Not sensitive.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid dust formation. Sweep up to prevent slipping hazard.
<b>Other</b>	For further clean-up instructions, call Emergency Hotline number listed in Section 1 "Product and Company Identification" above.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	Prevent large quantities of this product from contacting vegetation or waterways. Cover with plastic sheet to prevent spreading. Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal. Dispose of waste as indicated in Section 13.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Use air conveying/mechanical systems for bulk transfer to storage. Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation. wear suitable respiratory equipment if release of airborne dust is expected.
<b>Storage</b>	Store in original container. Keep in properly labeled containers. Keep container tightly closed.
<b>Incompatible products</b>	Aluminium. Powdered aluminum. Acids

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies Local nuisance dust standards apply



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Chemical & Dye

**Possibility of Hazardous Reactions** None under normal processing.

**Hazardous polymerization** Hazardous polymerization does not occur.

**Conditions to avoid** Exposure to air or moisture over prolonged periods.

**Incompatible materials** Aluminium. Powdered aluminum. Acids.

**Hazardous Decomposition Products** Sodium oxides. Carbon oxides (COx).

## 11. TOXICOLOGICAL INFORMATION

### Product Information

**LD50 Oral** 2.800 mg/kg (rat)  
**LD50 Dermal** > 2.000 mg/kg (rabbit)  
**LC50 Inhalation** 2.3 mg/L (rat)

**Eye Contact** Irritating to eyes.  
**Skin Contact** Non-irritating  
**Sensitization** Patch test on human volunteers did not demonstrate sensitization properties.

### Information on toxicological effects

**Symptoms** No information available.

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

**Chronic toxicity** No known effect.  
**Mutagenicity** No information available  
**Carcinogenicity** Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).  
**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Sodium carbonate (497-19-8)</b>				
Active ingredients)	Duration	Species	Value	Units
Sodium Carbonate	196 h LC50	Bluegill sunfish	300	mg/L
Sodium Carbonate	148 h EC50	Ceriodaphnia	1200-227	mg/L

**Persistence and degradability** Biodegradability does not pertain to inorganic substances.

**Bioaccumulation** Does not bioaccumulate.

**Mobility** Dissociates into ions.

**Other Adverse Effects** None known.

## 13. DISPOSAL CONSIDERATIONS

PRO<sup>®</sup>  
Chemical & Dye





Mexico - Grade

Moderate risk, Grade 2

WHMIS Hazard Class

D2B • Toxic materials. Eye irritation  
Class E : Corrosive to aluminum. Not corrosive to animal skin or carbon steel.



D28 Toxic



E Corrosive

## 16. OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 0	Instability 0	Special Hazards -
HMIS	Health Hazards 2	Flammability 0	Physical hazard 0	Personal Protection X

NFPA/HMIS Ratings Legend Severe = 4 Serious = 3 Moderate = 2 Slight = 1 Minimal = 0

### Product Certifications

This product meets the chemical testing specifications defined in the Food Chemicals Codex (FCC), 8th Edition.

This product is certified to NSF/ANSI Standard 60 for use in drinking water treatment at the specified maximum use limit. The MUL (maximum use level) for sodium carbonate, anhydrous is 150 mg/L under NSF/ANSI Standard 60.

Revision date: 2015-03-30  
Revision note: Minor change

### Disclaimer

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End of Safety Data Sheet