



**MATERIAL SAFETY DATA SHEET**

OSHA Hazard Communication Standard  
29 CFR 1910.12000

U. S. Department of Labor  
Occupational Safety and Health Adm.  
OMB 1218-0072

Identity (used on label): Soda Ash

**SECTION I**

<b>Manufacturer</b> :	PDSCo P.O. BOX 507, 105 West Sharp Street El Dorado, AR 71730	<b>Emergency Phone</b> :	(800) 243-7455
		<b>Information Phone</b> :	(870) 863-5707

**SECTION II HAZARDOUS INGREDIENTS**

Hazardous Components	CAS	OSHA PEL	TLV	%
Sodium Carbonate	497-19-8	None	None	>99

**SECTION III PHYSICAL CHEMICAL CHARACTERISTICS**

<b>Boiling Point</b>	:	N/A
<b>Vapor Pressure (mm Hg at 20°C)</b>	:	N/A
<b>Vapor Density (Air = 1)</b>	:	N/A
<b>Solubility in Water</b>	:	30%
<b>Appearance &amp; Odor</b>	:	Odorless, white powder or granular solid or crystal.
<b>Specific Gravity</b>	:	2.533
<b>Melting Point</b>	:	1564°F
<b>Evaporation Rate</b>	:	N/A

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point</b>	:	N/A
<b>Flammable Limit</b>	:	N/A
<b>LEL</b>	:	N/A
<b>UEL</b>	:	N/A
<b>Extinguishing Media</b>	:	Use water spray, dry chemical, CO <sub>2</sub> , or alcohol foam.
<b>Special Fire Fighting Procedure or hazards</b>	:	Firefighter should wear a self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

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**SECTION V      REACTIVITY DATA**


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<b>Stability</b>	:	<b>Unstable</b>				<b>Stable</b>		<b>X</b>	
<b>Conditions to Avoid</b>	:	Open flames, welding arcs, or to high temperature sources which may induce thermal decomposition.							
<b>Materials to Avoid</b>	:	Acids.							
<b>Hazardous Decomposition</b>	:	May liberate carbon monoxide, carbon dioxide, or oxides of sodium.							
<b>Hazardous Polymerization</b>	:	<b>May Occur</b>				<b>Will Not Occur</b>		<b>X</b>	

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**SECTION VI      HEALTH HAZARD DATA**


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<b>Routes of Entry</b>	:	<b>Inhalation:</b> No	<b>Skin:</b> No	<b>Ingestion:</b> No
<b>Health Hazards (Acute-Chronic)</b>	:	May cause sensitization.		
		<b>Inhalation:</b> Breathing dust may irritate the nose and throat and cause coughing and chest discomfort. Excessive contact can cause damage to the nasal septum.		
		<b>Eye contact:</b> Dusts will irritate the eyes and prolonged contact may damage the eyes.		
		<b>Skin contact:</b> Prolonged or repeated contact with the dust may irritate the skin with blistering and redness. Solutions may cause severe irritation or burns.		
<b>Carcinogenicity</b>	:	<b>NTP:</b> No	<b>IARC:</b> No	<b>OSHA Req:</b> No
<b>Conditions Aggravated by Exposure</b>	:	None reported.		
<b>Emergency First Aid</b>	:	<b>Inhalation:</b> Remove to fresh air. Give artificial respiration if not breathing. Get medical attention immediately.		
		<b>Eye contact:</b> Flush eye with water for 15 minutes, lifting the upper and lower eyelids occasionally. Get medical attention immediately.		
		<b>Skin contact:</b> Wash skin with lots of soap and water. Remove contaminated clothing and shoes, wash before reuse. Get medical attention if irritation persists after washing.		
		<b>Ingestion:</b> Drink milk or water. DO NOT INDUCE VOMITING. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.		

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**SECTION VII      PRECAUTIONS FOR SALE HANDLING AND USE**

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- Spilled Safety** : Wear protective equipment including a respirator. In any event, always wear eye protection. For small spills, sweep up and dispose of in DOT-approved waste containers. For large spills, shovel into DOT-approved waste containers. Keep out of sewers, storm drains, surface waters, and soil. Comply with all applicable governmental regulations on spill reporting, and handling and disposal of waste.
- Disposal Information** : Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures.
- Caution In Handling and Storing** : Store in cool, dry, well-ventilated place. Store away from all other chemicals and potential sources of contamination. Keep container tightly closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. Do not get in eyes or on skin.
- Other Precautions** : Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.
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**SECTION VIII      CONTROL MEASURES**

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- Respiratory Protection** : If use conditions generate dusts, wear a NIOSH-approved respirator appropriate for those emission levels. Appropriate respirators may be a full face piece or a half mask air-purifying cartridge respirator with particulate filters, a self-contained breathing apparatus in the pressure demand mode, or a supplied-air-respirator.
- Ventilation** : Local and mechanical exhaust ventilation capable of maintaining dust emissions at the point of use below the PEL.
- Eye Protection** : Chemical goggles and full face shield. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury.
- Other Protection Equipment** : An eyewash and safety shower should be nearby and ready for use.
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