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**PHARMCO-AAPER**

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300

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**MATERIAL SAFETY DATA SHEETS**

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Manufacturer: PHARMCO-AAPER  
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Brookfield, Connecticut 06804, USA  
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Fax (203) 740-3481

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Fax (502) 633-0685

Emergency Contact:  
CHEMTREC 1-800-424-9300

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SODIUM CARBONATE LIGHT

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CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: Bisodium carbonate, carbonic acid; Disodium salt Carbonic Acid; Sodium Salt Crystal Carbonate; Sodium Carbonate Light  
GENERAL or GENERIC ID: ALKALI

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	% by Weight
Sodium Carbonate	497-19-8	100.0

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HAZARDS IDENTIFICATION

Potential Health Effects

EYE

Dust can cause severe eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes. Can injure eye tissue.

SKIN

Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage. Solutions may cause skin burns and other skin damage if not removed immediately. Additional symptoms of skin contact may include: skin blistering, allergic skin reaction (delayed skin rash which may be followed by blistering, scaling and other skin effects).

## SWALLOWING

Swallowing this material may be harmful or fatal. Symptoms may include severe stomach and intestinal irritation (nausea, vomiting, diarrhea), abdominal pain, and vomiting of blood. Swallowing this material may cause burns and destroy tissue in the mouth, throat, and digestive tract. Low blood pressure and shock may occur as a result of severe tissue injury.

## INHALATION

This material is a dust or may produce dust. Breathing this material may be harmful.

## SYMPTOMS OF EXPOSURE

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation (soreness, dry or scratchy feeling, cough), stomach or intestinal upset (nausea, vomiting, diarrhea), thirst, irritation (nose, throat, airways), pain in the abdomen, shortness of breath, hole formation in the nasal septum.

## TARGET ORGAN EFFECTS

Overexposure to this material (or its components) has been suggested as cause of the following effects in laboratory animals: lung damage, overexposure to this material (or its components) has been suggested as a cause of the following effects in humans: effects on lung function.

## DEVELOPMENTAL INFORMATION

Based on the available information, risk to the fetus from maternal exposure to this material cannot be assessed.

## CANCER INFORMATION

There is no information available. The chance of this material causing cancer is unknown. This material is not listed as a carcinogen by the International Agency for Research or Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

## OTHER HEALTH EFFECTS

No data

## PRIMARY ROUTE (S) OF ENTRY

Inhalation, skin absorption, skin contact, eye contact, ingestion.

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## FIRST AID MEASURES

### EYES

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

### SKIN

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

## SWALLOWING

Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. If possible, do not leave individual unattended.

#### INHALATION

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

#### NOTE TO PHYSICIANS

Preexisting disorders of the following organs (organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions).

#### FIRE FIGHTING MEASURES

Flash Point	Not applicable
EXPLOSIVE LIMIT	Not applicable
AUTOIGNITION TEMPERATURE	Not applicable
HAZARDOUS PRODUCTS OF COMBUSTION	No data
FIRE AND EXPLOSION HAZARDS with t	No special fire hazards are known to be associated his product.
EXTINGUISHING MEDIA	Water fog.

#### FIRE FIGHTING INSTRUCTIONS

Wear a self-contained breathing apparatus with full facepiece operated in the positive pressure demand mode with appropriated turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

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#### ACCIDENTAL RELEASE MEASURES

##### SMALL SPILL

Sweep up material for disposal or recovery.

##### LARGE SPILL

Collect and add slowly to large volume of water.

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#### HANDLING AND STORAGE

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

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#### EXPOSURE CONTROLS/PERSONAL PROTECTION

##### EYE PROTECTIN

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

##### SKIN PROTECTION

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

#### RESPIRATORY PROTECTION

If overexposure has been determined or documented, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence or proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

#### ENGINEERING CONTROLS

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

#### EXPOSURE GUIDELINES

##### Component

Sodium Carbonate (497-19-8)

No exposure limits established

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#### PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	No data
Vapor Pressure	No data
Specific Vapor Density	No data
Specific Gravity	2.533 @ 68.00 F
Liquid Density	No data
Percent Volatiles	Not applicable
Evaporation Rate	Not applicable
Appearance	Not applicable
State	Solid
Physical Form	Crystals
Color	White

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#### STATE AND LOCAL REGULATIONS

California Proposition 65

None

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#### TRANSPORT INFORMATION

DOT Information – 49 CFR 172.101

DOT Description	Non-Regulated by DOT
Container/Mode	55 Gal Drum/Truck Package
NOS Component	None
RQ (Reportable Quantity)	-49CFR 172.101-Not applicable

##### Other Transportation Information

The transport information may vary with the container and mode of shipment.

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#### REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (United States) The international ingredients of this product are listed.

**Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA):** No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA

SARA 302 Components – 40 CFR 355 Appendix A

None

SECTION 311/312 Hazard Class – 40 CFR 370.2

Immediate (x)    Delayed(x)    Fire ( )    Reactive( )    Sudden Release of Pressure ( )

SARA 313 Components – 40 CFR 372.65

None

OSHA Process Safety Management 29 CFR 1910

None listed

EPA Accidental Release prevention 40 CFR 68

None listed

INTERNATIONAL REGULATIONS

Inventory Status

AICS (AUSTRALIA) The international ingredients of this product are listed. DSL (CANADA) The intentional ingredients of this product are listed. EINECS (EUROPE) The intentional ingredients of this product are listed. ENCS (JAPAN) The intentional ingredients of this product are listed. IECSC (CHINA) The intentional ingredients of this product are listed. PICCS (PHILIPPINES) The intentional ingredients of this product are listed.

The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.