

PRODUCT NAME : SODA ASH NATURAL DENSE
 PRODUCT CODE : 05125

Date: 15-MAY-1996 10:54:18.30

50# BAG

CAS #: 000497198

MSDS No. 001276 Revision No./Date 01 931001

Detail Number 00685/01

FORMULA: Na2 CO3

CHEM. FAMILY: inorganic salts

CHSOD

Soda Ash (sodium carbonate)

CHEMICAL NAME AND SYNONYMS:

- Soda Ash Dense;
- Sodium Carbonate;
- Trona Soda Ash;
- Soda Ash;
- Disodium Carbonate;
- Soda Calcined;
- Carbonic Acid Disodium Salt;
- MSDS 001276 DETAIL 00685
- SUPPLIERS NAME :

SUPPLIERS PHONE NUMBER :

TRANSPORTATION EMERGENCY PHONE NUMBER : 1-800-424-9300

S.A.R.A. INFORMATION

HAZARDS : Acute

PHYSICAL DATA : Pure Solid

SECTION I HAZARDOUS INGREDIENTS

Ingredient Cas Number	MAX %	SARA			AIR CONTAMINANT LEVELS				
		W/W	312	313	372	TWA/TLV (ppm)	STEL (ppm)	CEIL (ppm)	SKIN AGENT
Sodium Carbonate	100.0	Y	N	N	PARTICULATES NOT OTHERWISE REGULATED				
Soda Ash					Total	TWA 15 mg/m3	OSHA		
(CAS # 497-19-8)					Total	TLV 10 mg/m3	ACGIH		
					Respirable TWA	5 mg/m3	OSHA		

SECTION II HEALTH HAZARDS

POTENTIAL EFFECTS OF EXPOSURE

EYES

Eye contact with product may cause irritation burns

SKIN

Skin contact may cause irritation burns

INHALATION

Continued On Page 2

PRODUCT NAME : SODA ASH NATURAL DENSE
 PRODUCT CODE : 05126

Date: 15-MAY-1996 10:54:19.05

50# BAG

SECTION II HEALTH HAZARDS

(CONTINUED)

Inhalation may cause irritation
 INGESTION

Ingestion may cause irritation
 TARGET ORGANS

OVEREXPOSURE MAY CAUSE DAMAGE TO,
 DISORDERS OF, OR ADVERSELY AFFECT THE FOLLOWING SYSTEMS, FUNCTIONS, ORGANS: none currently
 known

FIRST AID

FIRST AID EYES

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart
 to ensure flushing of entire surface. Call a physician.

FIRST AID SKIN

Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated
 clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

FIRST AID INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth.
 If breathing is difficult give oxygen. Call a physician.

FIRST AID INGESTION

Do not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If
 vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call
 physician immediately.

OTHER INFORMATION

ROUTES OF ENTRY

skin contact inhalation

OVEREXPOSURE MAY AGGRAVATE DISORDERS OF THE
 none currently known

SECTION III SPECIAL PROTECTION

PROTECTIVE EQUIPMENT

PROTECTIVE EQUIPMENT EYES

chemical goggles Always wear eye protection when working with chemicals. Do Not wear contact
 lenses when working with chemicals.

PROTECTIVE EQUIPMENT SKIN

complete body covering impervious gloves safety helmet

PROTECTIVE EQUIPMENT INHALATION

If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator approved
 for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical
 hazards, or consult your safety equipment supplier. Respiratory protection programs must be in
 compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSH/MSHA approved
 positive pressure breathing apparatus should be readily available.

VENTILATION REQUIRED:

Adequate ventilation is required to minimize exposure or to maintain exposure levels below
 OSHA/ACGIH requirements. Local mechanical ventilation may be required.

ADDITIONAL PROTECTIVE MEASURES

PRODUCT NAME : SODA ASH NATURAL DENSE
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Date: 15-MAY-1996 10:54:20.00

50# BAG

SECTION III SPECIAL PROTECTION

(CONTINUED)

Safety shower, eye wash fountain, and washing facilities should be readily available.

SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point (METHOD): > OR = N/A

Flammable Limits (% Volume in Air) UPPER: N/D Lower: N/D

HAZIS Info Health : 1
Fire : 0
React : 0
Special : X

EXTINGUISHING MEDIA

media appropriate for surrounding fire

FIRE FIGHTING PROCEDURES

Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non essential personnel. Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing. Not considered a fire hazard.

UNUSUAL FIRE & EXPLOSION HAZARDS

Dust can be an explosion hazard. Prevent buildup of dust on walls, floors, and equipment.

SECTION V PHYSICAL DATA

Boiling Point: > OR = 752 deg. F
Freezing Point: 1564 deg. F
Specific Gravity (H₂O=1): > OR = 2.5000 @ 68 deg. F
Vapor Pressure (MM HG.): N/D
Vapor Density (AIR=1) : N/D
Evaporation Rate (NA =1): N/D
Solubility in Water: 23%
Percent Volatile by Volume: N/D
pH: aqueous approx. > OR = 11.400
Appearance:
SOLID - POWDER; CRYSTAL, FLAKE, GRANULE
TABLET, PRILL, BRIQUETTE, ETC.
Odor :
NIL

SECTION VI REACTIVITY DATA

STABILITY

Stable

INCOMPATIBILITY

Continued On Page 4

PRODUCT NAME : SODA ASH NATURAL DENSE
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50# BAG

SECTION VI REACTIVITY DATA

(CONTINUED)

Inorganic acids

HAZARDOUS DECOMPOSITION PRODUCTS

carbon monoxide carbon dioxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION VII SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

In Case Of Spills: Contain and dispose of in accordance with Federal, State and local regulations. Sweep, shovel, or pick up and return to dry, clean container.

DISPOSAL METHOD

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State.

SECTION VIII

Proper Shipping Name:

Hazard Class: UNCLASSIFIED
Label Requirements: NONE
Reportable Quantity: None

SECTION IX ADDITIONAL INFORMATION

PRECAUTIONS

Wear protective equipment when handling. Use only with adequate ventilation. Wash thoroughly after handling. Do Not breathe dust. Do Not get in eyes, on skin, or clothing. Do not swallow.

HANDLING

For industrial use only. ATTENTION: This container hazardous when emptied. Since emptied container contains product residues (vapor or liquid), all labeled hazard precautions must be observed.

STORAGE

Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

Continued On Page 5

PRODUCT NAME : SODA ASH NATURAL DENSE
PRODUCT CODE : 05125

50# BAG

Date: 15-MAY-1996 10:54:21.61

NAME: GENE TURNER

DATE ISSUED: 931001

DATE REVISED: 931001

< = LESS THAN

N/A = NOT APPLICABLE

UNK = UNKNOWN

> = MORE THAN

N/D = NOT DETERMINED

N/E = NOT ESTABLISHED

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