

CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV -- SODA ASH DENSE-NATURAL --
6810-00-233-1715

===== Product Identification =====

Product ID:SODA ASH DENSE-NATURAL

MSDS Date:04/30/1990

FSC:6810

NIIN:00-233-1715

MSDS Number: BTVXC

=== Responsible Party ===

Company Name:CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV

Address:1655 DES PERES RD

Box:31000

City:ST. LOUIS

State:MO

ZIP:63131-1821

Country:US

Info Phone Num:314-966-9900

Emergency Phone Num:314-966-99

34/800-424-9300(CHEMTREC)

CAGE:56894

=== Contractor Identification ===

Company Name:CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV

Address:1655 DES PERES RD

Box:31000

City:ST. LOUIS

State:MO

ZIP:63131-1821

Country:US

Phone:314-966-9934

CAGE:56894

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM CARBONATE

CAS:497-19-8

RTECS #:VZ4050000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRRIT TO EYES/RESP TRACT. INHAL OF
HIGH DUST CONCENTRATIONS CAN CAUSE NAUSEA, VOMITING, DIARRHEA.
SOLUTIONS ARE MODERATELY STRONG ALKALIES & CAN CAUSE IRRIT TO SKIN
TISSUE. INGEST CAN CAUSE SEVERE PAIN, VOMITING, DIARRHEA.
Effects of Overexposure:EYE/RESP TRACT IRRIT. NAUSEA, VOMITING,
DIARRHEA. SOLUTIONS CAN CAUSE IRRIT TO SKIN TISSUE.
INGEST:SEVERE
PAIN, VOMITING, DIARRHEA.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

===== First Aid Measures =====

First Aid:EYE:FLUSH W/PLENTY OF WATER FOR 15MINS. GET MED ATTN.
SKIN:REMOVE CONTAMIN CLOTH/SHOE. WASH AREA W/SOAP & WATER. GET MED
ATTN FOR BURNS OR IRRIT. INHAL:REMOVE TO FRESH AIR. STOP BREATH
GIVE ARTI RESP. GET MED ATTN. INGEST:DILUTE W/SEVERAL GLASSES OF
WATER. DO NOT INDUCE VOMITING. GET MED ATTN.

===== Fire Fighting Measures =====

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR FOAM.
Fire Fighting Procedures:FIRE FIGHTERS HSULD BE EQUIPIED W/ APPROPRIATE
PROTECTIVE CLOTHING & A NIOSH APPROVED RESPIRATOR.
Unusual Fire/Explosion Hazard:KEEP FROM HEAT AND OPEN FLAMES.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE CLOTHING & NIOSH APPROVED
BREATHING MASK. SWEEP UP &
SEGREGATE FROM STRONG ACIDS.
CONTAINERIZED FOR DISPOSAL OR REUSE.
Neutralizing Agent:NONE SPECIFIED BY MFG.

===== Handling and Storage =====

Handling and Storage Precautions:USE ONLY W/ADEQUATE VENTILATION. AVOID
BREATHING DUSTS/SPRAYS/MISTS. AVOID CONTACT W/EYES/SKIN/CLOTHING.
DO NOT STORE CLOSE TO ACIDS.
Other Precautions:MINIMIZE FREE FALL WHEN HANDLING TO MINIMIZE DUST
GENERATED. STORE IN COOL, DRY PLACE. KEEP CONTAINERS CLOSED WHEN
NOT

IN USE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:A NIOSH-APPROVED RESPIRATOR FOR DUSTS OR MISTS.
Ventilation:LOCAL EXHAUST IS PREFERABLE.
Protective Gloves:GLOVES RECOMMENDED.
Eye Protection:CHEMICAL SAFETY GLASSES.
Other Protective Equipment:EYEWASH, SAFETY SHOWER, PROTECTIVE CLOTHING.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
PH OF 1% SOLN=11.4.

===== Physical/Chemical Properties =
=====

HCC:N1
Melt/Freeze Pt:M.P/F.P Text:1564F,851C
Vapor Pres:NIL
Vapor Density:NON-VOLATILE
Spec Gravity:2.53
pH:SUPPLE
Evaporation Rate & Reference:NON-VOLATILE.
Solubility in Water:SOLUBLE.
Appearance and Odor:ODORLESS, WHITE GRANULAR SOLID OR POWDER.
Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
REACTS W/STRONG ACIDS LIBERATING SOME HEAT.
Stability Condition to Avoid:DO NOT STORE
W/INCOMPATIBLE SUBSTANCES.
AVOID DISPERSION OF DUST IN THE ATMOSPHERE.
Hazardous Decomposition Products:REACTS W/ACIDS RELEASING LG AMTS OF
CARBON DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL POLLUTION REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The

United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.