

NORTH AMERICAN CHEMICAL COMPANY -- SODA ASH -- 6810-00-233-1715

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Product Identification  
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Product ID:SODA ASH  
MSDS Date:06/01/1993  
FSC:6810  
NIIN:00-233-1715  
MSDS Number: BTVXB  
=== Responsible Party ===  
Company Name:NORTH AMERICAN CHEMICAL COMPANY  
Address:13200 MAIN STREET  
City:TRONA  
State:CA  
ZIP:93562  
Country:US  
Info Phone Num:619-372-2291  
Emergency Phone Num:619-372-2291  
CAGE:41629

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Contractor Identification ===  
Company Name:HOLCHEM INC  
Address:4672 E DRUMMOND ST  
Box:City:FRESNO  
State:CA  
ZIP:93725  
Country:US  
Phone:209-268-4571  
CAGE:0J450  
Company Name:NORTH AMERICAN CARBON INC.  
Address:ELK RUN AVE  
Box:436  
City:PUNXSUTAWNEY  
State:PA  
ZIP:15767  
Country:US  
Phone:814-938-7450  
CAGE:41629

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Composition/Information on Ingredients  
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Ingred Name:NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

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Hazards Identification  
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LD50 LC50 Mixture:ORAL - RAT LD50: 2463 MG/KG; #

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:CAUTION! CAUSES IRRITATION. THIS PRODUCT IS A SEVERE IRRITANT TO THE EYES AND A MODERATE IRRITANT TO THE NOSE AND SKIN. #INTRAPERITONEAL - MOUSE LD50: 117 MG/KG; SKIN IRRITATION - RABBIT 50 MG/ 24 HOU R, MODERATE; EYE IRRITATION - RABBIT 10MG/24 HOUR, SEVERE.

Effects of Overexposure:EYE, NOSE, OR SKIN IRRITATION. BURNING SENSATION TO NOSE, THROAT AND EYES. REDNESS OF THE SKIN. SNEEZING AND COUGHING.

Medical Cond Aggravated by Exposure:EYE OR SKIN DISEASE AND BREATHING OR RESPIRATORY DISORDER WILL BE AGGRAVATED BY EXPOSURE TO THIS CHEMICAL.

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. GIVE LRG QTY WATER. NOTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL DR. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION,

(MOUTH- TO-MO UTH). IF BREATHING DIFFICULT, GIVE OXYGEN. CALL PHYSICIAN. SKIN: FLUSH W/PLENTY OF WATER. EYE: IMMEDIATELY FLUSH W/PLENTY OF WATER 15 MIN. CALL DR. NOTE TO DR: SODIUM CARBONATE IS ALKALINE IN SOLUTION

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

Fire Fighting Procedures:THIS PRODUCT IS NOT FLAMMABLE AND DOES NOT SUPPORT COMBUSTION.

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

Spill Release Procedures:SOIL: SWEEP UP & SHOVEL INTO CNTNR FOR LATER DISPOSAL. SOIL RELEASE: SHOVEL & SWEEP UP. WATER: DILUTE & DISPERSE W/WATER JETS,PROPELLARS, AGITATION TECHNIQUES. AIR: KEEP UPWIND. TREAT IMPACT SITE AS A PPROPRIATE FOR SOIL OR WATER SPILL.

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

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:

WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED DUST TYPE RESPIRATOR.

Ventilation:USE GENERAL DILUTION AND LOCAL EXHAUST VENTILATION TECHNIQUES TO MEET NUISANCE DUST EXPOSURE LIMIT.

Protective Gloves:GLOVES IMPERMEABLE TO ALKALINE SOLUTIONS

Eye Protection:USE SAFETY GLASSES/GOGGLES.

Other Protective Equipment:LOCATE EYEWASH FOUNTAIN IN IMMEDIATE WORK AREA.WEAR EASILY WASHABLE CLOTHING.CHANGE DAILY OR MORE OFTEN IF CONTAMINATED.

Work Hygienic Practices:WASH CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:851F,455C

Spec Gravity:2.5 @ 20C

Solubility in Water:22.6% BY WT @ 20C

Appearance and Odor:WHITE GRANULAR SOLID, NO ODOR

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

Stability Indicator/Materials to Avoid:YES

KEEP AWAY FROM ALUMINUM POWDER,FLUORINE,PHOSPHOROUS PENTOXIDE,SULFURIC ACID,AMMONIACAL SILVER NITRATE & MOLTEN LITHIUM.

Stability Condition to Avoid:MAY REACT VIOLENTLY W/STRONG ACID.CO2 &LRG QTY HEAT CAN BE EVOLVED.REACTS W/HYDRATED LIME IN PRESENCE OF MOISTURE

Hazardous Decomposition Products:CARBON DIOXIDE. SODIUM OXIDE RESIDUE SUBLIMES FORMING VAPORS AND MISTS OF CAUSTIC SODA ON CONTACT W/MOISTURE OR WATER.

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

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Waste Disposal Methods:DISPOSE IN CHEMICAL WASTE FACILITY AS PERMITTED BY FEDERAL (RCRA), STATE, & LOCAL REGULATIONS. AS PERMITTED, SMALL SPILLS MAY BE WASHED TO AN INDUSTRIAL SEWER. LARGE AMOUNTS CAN BE DISPOSED IN CHEMICAL WASTE FACILITY PER FED,STATE,LOCAL REGULATIONS.

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