

CHURCH & DWIGHT CO INC -- SODIUM BICARBONATE -- 6810-00-297-0092

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

Product ID:SODIUM BICARBONATE

MSDS Date:03/01/1996

FSC:6810

NIIN:00-297-0092

MSDS Number: CCJTD

=== Responsible Party ===

Company Name:CHURCH & DWIGHT CO INC

Address:469 N HARRISON ST

City:PRINCETON

State:NJ

ZIP:08540

Country:US

Info Phone Num:609-683-5900

Emergency Phone Num:609-683-5900

CAGE:9003

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=== Contractor Identification ===

Company Name:CHURCH & DWIGHT CO INC

Address:469 N HARRISON ST

Box:City:PRINCETON

State:NJ

ZIP:08543-5297

Country:US

Phone:609-683-5900

CAGE:90038

Company Name:QUALCO INC

Address:225 PASSAIC ST

Box:City:PASSAIC

State:NJ

ZIP:07055

Country:US

Phone:973-473-1222

CAGE:0WTR2

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

Ingred Name:SODIUM BICARBONATE

CAS:144-55-8

RTECS #:VZ0950000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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===== **Hazards Identification**=====

LD50 LC50 Mixture:ACUTE LD50 ORAL RAT 7.3G/KG LC50 RAT **

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE/SKIN NOT AN IRRIT. INGEST: MATL NONTOXIC SMALL AMTS. 1-2TBSPS) SWALLOWED DURING NORMAL HANDLING OPERATIONS NOT LIKELY TO CAUSE INJURY AS LONG AS STOMACH IS NOT FULL.SWALLOWING LARGER AMTS MAY CAUS E INJURY. SUBCHRONIC

EFFECTS/CARCINOGENICITY/MARKED SYSTEMIC ALKALOSIS. **>4.74MG/L ACUTE INHALATION.

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

First Aid:EYES: CHECK FOR & REMOVE CONTACTS, FLOOD EYES W/CLEAN FLOWING WATER, LOW PRESSURE & LUKEWARM IF POSSIBLE, LIFTING EYELIDS.

INGEST: IF LG AMTS SWALLOWED DO NOT INDUCE VOMITING, ADMINISTER WATER IF CONS CIOUS, NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. NOTE TO DR. LG DOSES MAY PRODUCE SYSTEMIC ALKALOSIS/

EXPANSION IN EXTRACELLULAR FLUID VOLUME W/EDEMA.

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

Flash Point:NONCOMBUSTIBLE.

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:NONCOMBUSTIBLE MATL USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:CARBON DIOXIDE MAY BE GENERATED MAKING IT NECESSARY TO USE SCBA & OTHER PROT EQPT (BUNKER GEAR). CO2 IS AN ASPHYXIANT AT LEVEL >5%W/W. SODIUM OXIDE >1564F IS *

Unusual Fire/Explosion Ha

zard:NK *RESPIRATORY/EYE/SKIN IRRIT. AVOID

INHALATION/EYE/SKIN CONTACT W/SODIUM OXIDE DUST.

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

Spill Release Procedures:SCOOP UP INTO DRY CLEAN CONTNRS. WASH AWAY UNCONTAM RESIDUE W/WATER.

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

Handling and Storage Precautions:STORE IN COOL DRY AREAS AWAY FROM INCOMPATIBLE SUBSTANCES. SODIUM BICARBONATE REACTS W/ACIDS TO YIELD CARBON DIXOIDE WHICH CA

N ACCUMULATE IN ***

Other Precautions: NK *** CONFINED SPACES. DO NOT ENTER AREA UNTIL WELL VENT & CO2/OXYGEN LEVELS ARE DETERMINED SAFE.

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Exposure Controls/Personal Protection
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Respiratory Protection: DUST MASK REQUIRED IF TOTAL DUST EXCEEDS 10MG/M3.

Protective Gloves: GENERAL PURPOSE/IMPERVIOUS.

Eye Protection: SAFETY GLASSES FOR DUST & BULK MATLS.

Other Protective Equipment: FULL COVER CLOTHING, APRON WHEN WORKING W/SOLUTIONS.

Work Hygienic Practices: NO SPECIAL REQUIREMENTS.

Supplemental Safety and Health PH 1% SOLUTION 8.2

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Physical/Chemical Properties
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Boiling Pt: B.P. Text: NA

Melt/Freeze Pt: M.P/F.P Text: NA

Vapor Pres: NA

Vapor Density: NA

Spec Gravity: 2.2

pH: NA

Solubility in Water: 8.6 G/100 ML @ 68F

Appearance and Odor: WHITE CRYSTALLINE POWDER, NO ODOR.

Percent Volatiles by Volume: NA

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid: YES

REACTS W/ACIDS

TO YIELD CARBON DIOXIDE YIELDS FREE CAUSTIC IN PRESENCE OF LIME DUST & MOISTURE.

Stability Condition to Avoid: TEMPS >228F

Hazardous Decomposition Products: HEATING >228F MAY CAUSE DANGEROUS AMTS CO2 IN CONFINED AREA SODIUM OXIDE: AVOID INHAL/EYE/SKIN CONTACT. TEMPS >1564F.

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Disposal Considerations
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Waste Disposal Methods: BURY IN SECURED LANDFILL IN ACCORDANCE W/LOCAL/STATE/FEDERAL ENVIRONMENTAL REGULATIONS. EMPTY CNTNRS MAY BE INCIN

ERATED OR DISCARDED AS GENERAL TRASH.

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