

CHURCH & DWIGHT CO INC -- SODIUM BICARBONATE -- 6810-00-053-0194

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Product Identification
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Product ID:SODIUM BICARBONATE
MSDS Date:10/10/1992
FSC:6810
NIIN:00-053-0194
MSDS Number: CCJNM
=== 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:609-683-5900/800-228-5635
Preparer's Name:NOT PROVIDED
CAGE:90038
=== 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

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Composition/Information on Ingredients
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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
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LD50 LC50 Mixture

:ACUTE ORAL-RAT LD50:7.3G/KG.

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

Health Hazards Acute and Chronic:SKIN/EYE:NOT IRRIT.INGEST:NON-TOXIC.SM

AMTS(1-2 TABLESPOONFULS)SWALLOWED DURING NORMAL HNDLG OPERATIONS
ARE NOT LIKELY TO CAUSE INJURY AS LONG AS STOMACH IS OVERLY
FULL;SWALLOWING LG AMTS MAY CAUSE IN JURY.INHAL:NONE KNOWN.

Explanation of Carcinogenicity:PER MSDS:NOT LISTED AS CARCINOGEN OR
POTENTIAL CARCINOGEN BY IARC/NTP/OSHA/ACGIH.

Effects of Overexposure:INGEST
LG AMTS MAY CAUSE INJURY.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:FLOOD W/CLEAN LUKEWARM(NOT HOT)WATER,LOW PRESSURE.REMOVE
CONTACTS.OCCASIONALLY LIFT EYELIDS WHILE FLOODING.INGEST:LG AMTS
INGESTED DO NOT INDUCE VOMIT.ADMINISTER WATER IF PERSON IS
CONSC.NEVER GIV E ANYTHING BY MOUTH IF UNCONSC.NOTE TO DR:LG DOSES
MAY PRODUCE SYSTEMIC ALKALOSIS & EXPANSION IN EXTRACELLUL
AR FLUID
VOLUME W/EDEMA.

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

Flash Point:NOT COMBUSTIBL.

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:NON-COMBUSTIBLE MATERIAL.USE EXTINGUISHING MEDIA
APPRORiate FOR SURROUNDING FIRE.

Fire Fighting Procedures:CO2 MAY GENERATE MAKING NECESSARY THE USE SCBA
& FULL PORTECTIVE EQPMT(BUNKER GEAR).CO2 ASPHYXIANT @LEVELS >5%
W/W/.SODIUM OXIDE ANOTHER THERMAL DECOMPO(SUPP

LE)

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL DRY AREAS & AWAY FROM
INCOMPATIBLE SUBSTANCES.SODIUM BICARBONATE REACTS W/ACIDS TO YIELD
CO2 GAS WHICH CAN ACCUMULA

TE CONFINED SPACES.

Other Precautions:DO NOT ENTER CONFINED SPACES UNTIL THEY HAVE BEEN WELL VENTIALTED CO2 & OXY LEVELS HAVE BEEN DETERMINED TO BE SAFE.AVOID INHAL/EYE/SKIN CONTACT W/SODIUM OXIDE.

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

Respiratory Protection:DUST MASK REQUIRED IF TOTAL DUST LEVEL EXCEEDS 10MG/M3.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS GLOVES-SOLN;GEN PURPOSE-HNDLG

Eye Protection:SAFETY GLASSES.

Other P

rotective Equipment:DO NOT WEAR CONTACT LENSES.FULL COVER CLOTHING.APRON WHERE SPLASHING OCCUR WHEN WORKING W/SOLUTION.

Work Hygienic Practices:NO SPECIAL REQUIREMENTS.

Supplemental Safety and Health

PH:AS IS NOT APPLICABLE;1% SOLN:8.2. FIREFIGHTING:PROD EXISTING @TEMP >1564F IS RESP/EYE/SKIN IRRIT.AVOID INHAL/EYE/SKIN CONTACT W/SODIUM OXIDE DUSTS.

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

HCC:B3

Boiling Pt:B.P. Text:NA

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

Deco

mp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:2.2

pH:SUPPLE

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:MODERATE, 8.6G/100ML

Appearance and Odor:SOLID WHITE CRYSTALLINE POWDER, NONE ODOR.

Percent Volatiles by Volume:NA

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

RXS W/ACIDS TO YIELD CO2;ALSO MAY YIELD FREE CAUSTIC IN PRESENCE OF LIME DUST(CAO) & MOISTURE(WATER,

PERSPIRATION).

Stability Condition to Avoid:TEMPERATURES >228F.

Hazardous Decomposition Products:HEAT >228F DANGEROUS LEVELS OF CO2 IN
CONFINED SPACES.YIELD SODIUM OXIDE IF EXPO TEMP >1564F.

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

Waste Disposal Methods:BURY IN SECURED LANDFILL IN ACCORDANCE WITH ALL
LOC/STATE/FED ENVIRONMENT REGS.EMPTY CNTNRS MAY BE INCINERATED OR
DISCARDED AS GENERAL TRASH.NOT SARA TITLE III SEC 313 CHEM.

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