

CHURCH & DWIGHT CO INC -- SODIUM BICARBONATE-BAKING SODA -- 6810-00-241-1143  
===== Product Identification =====

Product ID:SODIUM BICARBONATE-BAKING SODA

MSDS Date:06/24/1991

FSC:6810

NIIN:00-241-1143

MSDS Number: BDMJW

=== 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 X007

CAGE:90038

=== Contractor Identification ===

Company Name:APA INDUSTRIES INC

Address:5309 BOUGHNER ROAD

Box:City:ROCK CREEK

State:OH

ZIP:44084

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:4Y971

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

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

Ingred Name:SODIUM BICARBONATE

CAS:144-55-8

RTECS #:VZ095

0000  
Fraction by Wt: >99%  
Other REC Limits:10MG/CUM AS DUST

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

LD50 LC50 Mixture:ORAL-RAT LD50=4-8G/KG  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:MILD IRRITANT TO EYES AND SKIN  
OR RESPIRATORY TRACT;INGESTION MAY CAUSE ALKALOSIS. CHRONIC:NO  
DATA AVAILABLE.  
Effects of Overexposure:MAY CAUSE SKIN,EYES AND RESPIRATORY IR  
RITATION  
DUE TO DUST.INGESTION MAY CAUSE SYSTEMIC ALKALOSIS.  
Medical Cond Aggravated by Exposure:MILD IRRITATION.

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

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES,CALL A  
DOCTOR IF NEEDED. SKIN:WASH WITH SOAP AND WATER. INGESTION:IN CASE  
OF OVERDOSE,CALL A DOCTOR AT ONCE.

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

Flash Point:NONE  
Extinguishing Media:WATER,FOAM CO\*2,DRY CH  
EMICAL  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.  
Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SCOOP UP IN DRY  
AND CLEAN CONTAINER AND KEEP FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED  
AREA. AVOID MOISTURE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST IF ABOVE TLV.

Ventilation:LOCAL/GENERAL TO KEEP DUST LEVEL BELOW THE TLV.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GLASSES

Other Protective Equipment:APRON FOR SKIN PROTECTION.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN.DO NOT BREATHE DUST.

Supplemental Safety and Health

AVOID SKIN CONTACT AND INHALATION OF DUSTS.

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== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:2.2

pH:8.2

Solubility in Water:8.6%

Appearance and Odor:WHITE CRYSTALLINE POWDER;NO ODOR

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH ACIDS TO FORM SALT,WATER AND CO\*2.

Stability Condition to Avoid:TEMPERATURES ABOVE 228F

Hazardous Decomposition Products:CO\*2

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

Waste Disposal M

ethods:DISPOSE OF COLLECTED MATEREAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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