

CHURCH & DWIGHT CO. INC. -- SODIUM BICARBONATE -- 6810-00-262-8567

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Product Identification  
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Product ID:SODIUM BICARBONATE

MSDS Date:06/23/1986

FSC:6810

NIIN:00-262-8567

MSDS Number: BJRMR

=== Responsible Party ===

Company Name:CHURCH & DWIGHT CO. INC.

Address:469 NORTH HARRISON STREET

City:PRINCETON

State:NJ

ZIP:08540

Country:US

Info Phone Num:609-683-5900

Emergency Phone Num:609-683-59

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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

Company Name:LAGUNA CLAY CO

Address:14400 LOMITAS AVE

Box:City:LA PUENTE

State:CA

ZIP:91746

Country:US

Phone:818-330-0631

CAGE:40894

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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:NO

NE SPECIFIED  
OSHA PEL:NONE ESTABLISHED  
ACGIH TLV:NONE ESTABLISHED

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

LD50 LC50 Mixture:LD50 = 4 - 8 G/KG (RAT)  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:THE COMMONLY RECOGNIZED INJURY  
ASSOCIATED WITH SODIUM CARBONATE IS FROM CONTACT OF PARTICLES OR  
SOLUTIONS WITH THE EYES. THE FREE DUST HAS AN IRRITATING EFFECT ON  
SKI  
N, MUCOUS MEMBRANES, AND RESPIRATORY TRACT. SENSITIVITY  
REACTIONS TO THIS MATERIAL HAS BEEN REPORTED. PROLONGED CONTACT  
WITH SKIN MAY CAUSE SKIN ULCERS.  
Effects of Overexposure:MAY BE IRRITATING TO SKIN.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:ON SKIN CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER. SEEK  
MEDICAL ATTENTION IF IRRITATION PERSISTS. INGEST: SEEK MEDICAL  
ATTENTIO  
N IMMEDIATELY IF OVERDOSE HAS BEEN TAKEN.

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

Flash Point:NONE  
Extinguishing Media:WATER, DRY CHEMICAL.  
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS BECAUSE  
SIGNIFICANT AMOUNTS OF CARBON DIOXIDE MAY BE GENERATE.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SCCOOP UP INTO GENERAL TRASH OR FLUSH INTO  
SEWER SYSTEM.

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

Handling and Storage Precautions:FOLLOW USE INSTRUCTIONS ON CONTAINER.  
DO NOT STORE NEAR ACIDS.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:DUST MASK REQUIRED IF TOTAL DUST LEVELS EXCEED  
15 MG/CUM.  
Ventilation:USE LOCAL EXHAUST TO KEEP LEVELS BELOW 10 MG/CUM.  
Protective Gloves:RECOMMENDED.  
Eye Protection:S

AFETY GLASSES.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

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

HCC:N1

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

Decomp Temp:Decomp Text:228F/108.9C

Spec Gravity:2.2

Solubility in Water:MODERATE

Appearance and Odor:WHITE CRYSTALLINE POWDER, NO ODOR.

Percent Volatiles by Volume:0

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

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Stability Indicator/Materials to Avoid:YES

REACTS WITH ACIDS TO FORM SALT, WATER AND CARBON DIOXIDE.

Stability Condition to Avoid:TEMPERATURES ABOVE 228F.

Hazardous Decomposition Products:AT 190F, YIELDS 1% SODIUM

CARBONATE-IRRITATING DUST; AT 228F, DANGEROUS LEVEL OF CARBON DIOXIDE MAY BE PRESENT.

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

Waste Disposal Methods:ENVIROMENTALLY INNOCUOUS - DISCARD IN GENERAL TRASH.

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