

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:609-683-590

0

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:NON

E 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  
SKIN  
, 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  
ATTENTION  
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:SA

FETY 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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