

BURRIS CHEMICAL CO INC -- SODIUM BICARBONATE -- 6810-00-237-2906

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Product Identification  
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Product ID:SODIUM BICARBONATE  
MSDS Date:10/01/1989  
FSC:6810  
NIIN:00-237-2906  
MSDS Number: BPDYQ  
=== Responsible Party ===  
Company Name:BURRIS CHEMICAL CO INC  
Address:4200 AZALEA DR  
City:CHARLESTON  
State:SC  
ZIP:29415  
Country:US  
Info Phone Num:803-744-7421  
Emergency Phone Num:NONE KNOWN  
CAGE:06746

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Contractor Identification ===  
Company Name:BURRIS CHEMICAL CO INC  
Address:4200 AZALEA DR  
Box:City:CHARLESTON  
State:SC  
ZIP:29415  
Country:US  
Phone:803-744-7421  
CAGE:06746  
Company Name:FMC CORP  
Address:2000 MARKET ST  
Box:City:PHILADELPHIA  
State:PA  
ZIP:19103  
Country:US  
Phone:800-331-3148  
CAGE:22888

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Composition/Information on Ingredients  
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Ingred Name:SODIUM BICARBONATE  
CAS:497-19-8  
RTECS #:VZ4050000  
Fraction by Wt: 100%  
Other REC Limits:NO DATA AVAILABLE

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:SODIUM BICARBONATE IS GENERAL  
RECOGNIZED AS SAFE FOOD INGREDIENT. NO SIGNIFICANT TOXICITY IS  
EXPECTED. MAY BE IRRITATING TO THE SKIN AND EYES. ADMINISTRATION OF  
LARGE DOSES OF SODIUM BICARBONATE TO PATIENTS WITH RENAL  
INSUFFICIENCY CAN

PRODUCE SYSTEMIC ALKALOSIS.

Effects of Overexposure:SEE HEALTH HAZARDS

Medical Condition Aggravated by Exposure:NONE STATED BY THE MANUFACTURER

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First Aid Measures  
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First Aid:INHALATION: REMOVE TO FRESH AIR. IF DISCOMFORT OCCURS AND  
PERSISTS, OBTAIN MEDICAL ATTENTION. INGESTION: DRINK WATER TO  
DILUTE. OBTAIN MEDICAL ADVICE BY PHONE. SKIN: WASH WITH SOAP AND  
WATER. IF IRRITATION OCCURS AND PERSISTS, OBTAIN MEDICAL  
ATTENTION. EYE: FLU

SH WITH WATER AT LEAST 15 MINUTES. FOR

IRRITATION, OBTAIN MEDICAL ATTENTION. INGESTION: DRINK WATER TO  
DILUTE. OBTAIN MEDICAL ADVICE.

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Fire Fighting Measures  
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Flash Point:NONCOMBUSTIBLE

Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING  
SURROUNDING FIRE.

Fire Fighting Procedures:USE PROTECTIVE CLOTHING AND NIOSH/MSHA  
APPROVED SCBA & FULL PROTECTIVE EQUIPMENT APPROPRIATE FOR THE  
SURROUNDING FIRE

Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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Spill Release Procedures:SWEEP UP AS MUCH AS POSSIBLE FOR SALVAGE OR  
DISPOSAL. WASH AWAY RESIDUE WITH WATER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN COOL/DRY AREAS AND AWAY FROM  
OTHER CHEMICALS THAT MAY CONTAMINATE PRODUCT. MINIMIZE THE FREE  
FALL WHEN HANDLING TO MINIMIZE DUST GENERATED.

Other Precautions:DO NOT ENTER CONFINED SPACES

UNTIL THEY HAVE BEEN

WELL VENTILATED AND CARBON DIOXIDE AND OXYGEN LEVELS HAVE BEEN DETERMINED TO BE SAFE. CARBON DIOXIDE CAN FORM IN CONFINED SPACES IF SODIUM BICARBONATE CONTACTS ACID.

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

Respiratory Protection:WEAR MSHA-NIOSH APPROVED DUST RESPIRATOR IF EXCESSIVE VISIBLE DUST LEVELS ARE EXPECTED.

Ventilation:USE GENERAL ROOM DILUTION OR LOCAL EXHAUST VENTILATION WHEN EXCESSIVE DUST IS EXPECTED IN THE WORK ENVIRONMENT.

Protective Gloves:GENERAL PURPOSE

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:FULL COVER CLOTHING

Work Hygienic Practices:CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:B3

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:2.20

Solubility in Water:MODERATE

Appearance and Odor:ODORLESS, WHITE GRANULAR SOLID

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

Stability Indicator/Materials to Avoid:YES

ACIDS

Stability Condition to Avoid:CONTACT WITH ACIDS EXCEPT UNDER CONTROLLED CONDITIONS. CARBON DIOXIDE GAS CAN FORM IN CONFINED SPACES OR TANKS

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE MAY FORM WHEN HEATED TO DECOMPOSITION.

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

Waste Disposal Methods:CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. IF

MATERIAL CANNOT BE SALVAGED, THE PREFERRED METHOD OF DISPOSAL IS IN A SECURED LANDFILL IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. EMPTY CONTAINERS MAY BE INCINERATED.

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