

STAUFFER CHEMICAL CO. -- SODIUM BICARBONATE -- 6810-00-264-6618

===== Product Identification =====

Product ID:SODIUM BICARBONATE

MSDS Date:01/21/1994

FSC:6810

NIIN:00-264-6618

MSDS Number: BSVPX

=== Responsible Party ===

Company Name:STAUFFER CHEMICAL CO.

Address:INDUSTRIAL CHEMICAL DIVISION

City:WESTPORT

State:CT

ZIP:06880

Country:US

Info Phone Num:203-226-6602

Emergency Phone Num:203-226-6602 O

R 800-424-9300

CAGE:8F901

=== Contractor Identification ===

Company Name:SILVER SALES

Address:5115 DOUGLAS FIR RD SUITE C

Box:City:CALABASES

State:CA

ZIP:91302

Country:US

Phone:818-591-0788 WAS IN TX

CAGE:0WG65

Company Name:STAUFFER CHEMICAL CO INDUSTRIAL CHEMICAL DIVISION

Address:CORPORATE DRIVE

Box:881

City:SHELTON

State:CT

ZIP:06484

Country:US

Phone:203-925-3300/CHEMTREC 800-424-9300

CAGE:8F901

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

Ingred Name:SODIUM BICARBO

NATE  
CAS:144-55-8  
RTECS #:VZ0950000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS >4000 MG/KG  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:LOW SINGLE DOSE OR ORAL TOXICITY.  
NON-IRRITATING TO SKIN. NON-IRRITATING BUT MAY CAUSE MECHANICAL  
IRRITATION TO EYE.  
Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY NTP, IARC,  
OR OSHA  
Effects of Overexposure:MATERIAL IS TAKEN IN MODERATE AMOUNTS AS AN  
ANTACID. IF A HUGE OVEREXPOSURE OCCURS FOLLOW THE FIRST AID  
PROCEDURES. CHMIS:NO SIGNS OR SYMPTOMS ARE EXPECTED EXCEPT IN  
EVENT OF LARGE OVEREXPOSURES.  
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY  
MFR.

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

First Aid:IF ANY IRRITATION OCCURS, SEE A DOCTOR. EYE:F  
LUSH W/WATER 15  
MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO  
FRESH AIR. RESTORE/AID BREATHING AS NEEDED. INGESTED:IF A LARGE  
QUANTITY IS INGESTED, GIVE 2 LARGE GLASSES OF MILK OR WATER AND  
INDUCE VOMITING. CONTINUE FLUID ADMINISTRATION UNTIL VOMITUS IS  
CLEAR. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL  
ATTENTION.

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

Flash Point:NON-FLAMMABLE  
Extinguishing Media:ABOVE 27  
0C, THIS MATERIAL LOSES WATER AND HALF OF  
ITS CARBON DIOXIDE BOTH OF WHICH ARE EXTINGUISHING AGENTS.  
Fire Fighting Procedures:USE STANDARD FIRE FIGHTING TECHNIQUES TO  
EXTINGUISH FIRES INVOLVING SODIUM BICARBONATE. THIS MATERIAL IS  
USED AS A DRY POWDER EXTINGUISHER ON ALL CLASSES FIRE.  
Unusual Fire/Explosion Hazard:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Spill Release Procedures:FOLLOW GOOD INDUSTRIAL HYGIENE PRACTICE

SWEEP OR SHOVEL UP SPILLED PRODUCT. WHERE VENTILATION IS INADEQUATE, WEAR A DUST RESPIRATOR.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA. LONG TERM STORAGE MAY RESULT IN CAKING.

Other Precautions:NONE

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

Respiratory Protection:WHERE ADEQUATE VENTILATION IS NOT AVAILABLE AND

DUST IS BEING GENERATED, USE OF A NIOSH APPROVED HALF-FACE PIECE MECHANICAL FILTER RESPIRATOR IS SUGGESTED.

Ventilation:THIS MATERIAL SHOULD BE HANDLED IN VENTILATED AREAS.

Protective Gloves:GENERAL PURPOSE

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:NO INFORMATION GIVEN ON MSDS BY MFR.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES SUCH AS WASHING BEFORE EATING.

Supplemental Safety and Health

NONE

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

HCC:N1

NRC/State Lic Num:NONE

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

Solubility in Water:9.6 GM/100 GM H2O

Appearance and Odor:WHITE GRANULAR SOLID,ODORLESS \*\* PH 1% SOLN = 8.0

\*\* BULK DENSITY = 45-65 LB/FT

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH ACIDS (VIOLENTLY WITH SOME ACIDS) TO FORM SALT, WATER AND CARBON DIOXIDE.

Stability Condition to Avoid:NO INFORMATION GIVEN ON MSDS BY M

FR.

Hazardous Decomposition Products:SLOWLY EVOLVES CARBON DIOXIDE AT AMBIENT. AT ELEVATED TEMPERATURES, EVOLVES CARBON DIOXIDE AND WATER.

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

Waste Disposal Methods:DISPOSE OF THE PRODUCT IN AN APPROVED LANDFILL OR IN SUCH A MANNER THAT WILL NOT ADVERSELY AFFECT THE ENVIRONMENT.

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