

CAROLINA EQUIPMENT & SUPPLY -- SODIUM BICARBONATE -- 6810-00-053-0194

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

Product ID:SODIUM BICARBONATE
MSDS Date:01/01/1999
FSC:6810
NIIN:00-053-0194
Status Code:A
MSDS Number: CLPCP
=== Responsible Party ===
Company Name:CAROLINA EQUIPMENT & SUPPLY
Address:7251 CROSS COUNTRY RD
City:NORTH CHARLESTON
State:SC
ZIP:29418
Country:US
Info Phone Num:800-394-4987
Emergen
cy Phone Num:307-875-2580 (COLLECT)
Preparer's Name:NOT PROVIDED
Chemtrec Ind/Phone:(800)424-9300
CAGE:6K233

=== Contractor Identification ===
Company Name:CAROLINA EQUIPMENT & SUPPLY
Address:7251 CROSS COUNTRY RD
Box:City:NORTH CHARLESTON
State:SC
ZIP:29418
Country:US
Phone:803-760-3000
CAGE:6K233

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

Ingred Name:SODIUM BICARBONATE
CAS:144-55-8
RTECS #:VZ0950000
Other REC Limits:NOT PROVIDED

===== Hazards Ident

ification =====

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:ACUTE EFFECTS FROM OVEREXPOSURE:

SODIUM BICARBONATE IS A GRAS (GENERALLY RECOGNIZED AS SAFE) FOOD INGREDIENT. NO SIGNIFICANT TOXICITY IS EXPECTED. CHRONIC EFFECTS FROM OVEREXPOSURE: ADMINISTRATION OF LARGE DOSES OF SODIUM BICARBONATE TO PATIENTS WITH RENAL INSUFFICIENCY CAN PRODUCE SYSTEMIC ALKALOSIS. TARGET ORGAN EFFECTS: NON

E.

Explanation of Carcinogenicity:REGULATED BY OSHA: NO. LISTED ON NTP

REPORT: NO. IARC GROUP 1, 2A, 2B: NO.

Effects of Overexposure:NOT PROVIDED

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OCCURS AND PERSISTS, OBTAIN MEDICAL ATTENTION. SKIN: WASH WITH PLENTY OF SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS AND PERSISTS.

INHALATION: REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY OR DISCOMFORT OCCURS AND PERSISTS, OBTAIN MEDICAL ATTENTION. INGESTION: DRINK PLENTY OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF ANY DISCOMFORT PERSISTS, OBTAIN MEDICAL ATTENTION. NOTES TO PHYSICIAN: INTERNAL TOXICITY IS LOW. TREATMENT FOLLOWS SYMPTOMATIC AND SUPPORTIVE.

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

Flash Point:NON-COMBUSTIBLE.

Extinguishing Media:WATER

, WATER FOG, CARBON DIOXIDE(CO2), DRY CHEMICAL.

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE

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

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

Neutralizing Agent:NOT PROVIDED

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

Handling and Storage Precautions:STORE IN A COOL DRY AREA AWAY ACIDS.

Other Precautions:USE AIR CO

NVEYING/MECHANICAL SYSTEMS FOR BULK

TRANSFER TO STORAGE. FOR MANUAL HANDLING OF BULK TRANSFER USE
EMCHANICAL VENTILATION TO REMOVE AIRBORNE DUST FROM RAILCAR, SHIP
OR TRUCK. USE APPROVED RES PIRATORY PROTECTION WHEN VENTILATION
SYSTEMS ARE NOT AVAILABLE. SELECTION OF RESPIRATORS IS BASED ON
GENERATED DUST.

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

Respiratory Protection:WEAR NIOSH APPROVED DUST RESPIRATOR IF EXCESSIVE
VISIBLE DUST LEVELS ARE E
XPECTED.

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

Protective Gloves:NOT PROVIDED

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:FULL COVER CLOTHING. FOOTWEAR: NONE.
MINIMIZE EYE AND SKIN CONTACT BY USING APPROPRIATE PROTECTIVE
EQUIPMENT.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =
UNKNOWN. N/P = NOT
PROVIDED. N/R = NOT RELEVANT. N/D = NOT
DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

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

Decomp Temp:Decomp Text:NOT PROVIDED

Spec Gravity:(H2O=1):2.20

pH:NOT PROVIDED

Solubility in Water:9.0%(20C)

Appearance and Odor:ODORLESS. WHITE, SOLID GRANULAR

Corrosion Rate:NOT PROVIDED

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

Stability Indi

cator/Materials to Avoid: YES

ACIDS. INCOMPATIBILITY: REACTS WITH ACIDS TO RELEASE CARBON DIOXIDE GAS AND HEAT.

Stability Condition to Avoid: CONTACT WITH ACIDS EXCEPT UNDER CONTROLLED

Hazardous Decomposition Products: NONE

===== Toxicological Information =====

Toxicological Information: EYE CONTACT: NON-IRRITATING (RABBIT)

REFERENCE: J. AMER. COLL. TOXICOL .. 1987. SKIN CONTACT:

NON-IRRITATING (RABBIT) REFERENCE: J. AMER. COLL. TOXICOL .. 1987.

SKIN ABSORPTION:

NO DATA AVAILABLE. INHALATION: NO DATA AVAILABLE.

INGESTION: LD50 (RAT)=4300 MG/KG (20% SLURRY); 6000 MG/KG (20% SLURRY).

===== Ecological Information =====

Ecological: ENVIRONMENTAL FATE: NO DATA AVAILABLE. ENVIRONMENTAL

EFFECTS: 48 HR LC50 (CULEX 5P. LARVAE OR MOSQUITO)=2000 MG/L.

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

Waste Disposal Methods: IF MATERIAL CANNOT BE SALVAGED, AN ACCEPTABLE METHOD IS TO DISPOSE

OF UNCONTAMINATED PRODUCT INTO A SECURED

LANDFILL IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL

ENVIRONMENTAL REGULATIONS. EMPTY CONTAINERS MAY BE INCINERATED OR DISCARDED AS GENERAL TRASH.

===== MSDS Transport Information =====

Transport Information: DOT PROPER SHIPPING NAME: SODIUM BICARBONATE.

IATA: NOT APPLICABLE. IMDG: NOT APPLICABLE. DOT CLASSIFICATION:

NON-HAZARDOUS. DOT LABELS: NOT APPLICABLE. DOT MARKING: NOT

APPLICABLE. DOT

PLACARD: NOT APPLICABLE. UN NUMBER: NOT

APPLICABLE.

===== Regulatory Information =====

SARA Title III Information: SARA TITLE III (SECTION 313, TOXIC

CHEMICALS): NOT LISTED. SARA TITLE III SECTION 311/312 (40 CFR 370)

SUBSTANCES: NONE. HAZARD CATEGORIES: NOT APPLICABLE. PLANNING

THRESHOLD: NOT APPLICABLE. SECTION 302: NOT LISTED. RQ: NOT

APPLICABLE. PLANNING THRESHOLD: NOT APPLICABLE.

Federal Regulatory Information: US TSCA STATUS: LISTED.

State Regulatory Information:NONE

===== Other Information =====

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