

NORTH AMERICAN CHEMICAL CORP -- INDUSTRIAL GRADE 98% SODIUM BICARBONATE --
6810-00-290-5574

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

Product ID:INDUSTRIAL GRADE 98% SODIUM BICARBONATE

MSDS Date:04/01/1992

FSC:6810

NIIN:00-290-5574

MSDS Number: BPRGB

=== Responsible Party ===

Company Name:NORTH AMERICAN CHEMICAL CORP

Address:2100 CENTRAL ST

City:KANSAS CITY

State:MO

ZIP:64108

Country:US

Info Phone Num:8

16-421-2266

Emergency Phone Num:619-372-2291

Preparer's Name:R.W. ANDERSEN,

CAGE:43970

=== Contractor Identification ===

Company Name:MANLEY-REGAN CHEMICAL CO

Address:532 E EMAUS ST

Box:391

City:MIDDLETOWN

State:PA

ZIP:17057

Country:US

CAGE:0CG92

Company Name:NORTH AMERICAN CHEMICAL CORP

Address:2100 CENTRAL ST

Box:City:KANSAS CITY

State:MO

ZIP:64108

Country:US

Phone:619-372-2291

CAGE:43970

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

Ingred Name:SODIUM HYDROGEN CARBONA

TE OR SODIUM BICARBONATE
CAS:144-55-8
RTECS #:VZ0950000
Fraction by Wt: 98%
Other REC Limits:5 MG/M3 (DUST)

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

LD50 LC50 Mixture:ORAL RAT LD50: 4220 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRRITATION OR REDNESS OF THE EYES AND SKIN.
Explanation of Carcinogenicity:MANUFACTURER STATES THIS PRODUCT IS NOT A POTENTIAL CARCINOGEN OR CARCINOGEN.
Effects of Overexposure:IRRITATION OR REDNESS OF THE EYES AND SKIN.
Medical Cond Aggravated by Exposure:EYE OR SKIN DISEASES AND BREATHING OR RESPIRATORY DISORDERS WILL BE AGGRAVATED BY EXPOSURE.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. SKIN CONTACT: FLUSH SKIN WITH WATER AND THEN WASH THOROUGHLY. INHALATION: REMOVE TO FRESH AIR. INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY. NOTE TO PHYSICIAN: EXPOSURE IS PRIMARILY SODIUM BICARBONATE.

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

Extinguishing Media:THIS PRODUCT IS NOT FLAMMABLE AND DOES NOT SUPPORT COMBUSTION.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:DECOMPOSES WHEN EXPOSED TO HIGH HEAT RELEASING CARBON DIOXIDE. CARBON DIOXIDE GAS IS AN ASPHYXIANT AND MAY AFFECT RESPIRATION RATE.

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

Spill Release Procedures:SOIL RELEASES: SHOVEL OR SWEEP UP AND PLACE IN CONTAINER FOR DISPOSAL. WATER SPILL: DISPERSE WITH WATER JETS, PROPELLERS OR SIMILAR DEVICES.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING PRODUCT DUST. AVO

ID CONTACT WITH ACIDS.
STORE IN COOL, DRY AREA.
Other Precautions:NONE

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR IF NUISANCE DUST LEVELS EXCEEDED.
Ventilation:LOCAL AND MECHANICAL(GENERAL) EXHAUST TO PROVIDE ADEQUATE VENTILATION.
Protective Gloves:NONE SPECIFIED BY MANUFACTURER.
Eye Protection:NONE SPECIFIED BY MANUFACTURER.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.
Supplemental Safety and Health
NONE

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

HCC:N1
Spec Gravity:2.16 @ 20C
Solubility in Water:8.8
Appearance and Odor:GRANULAR, SOLID

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

Stability Indicator/Materials to Avoid:YES
ACIDS, ALUMINUM AND PHOSPHORIC PENTOXIDE.
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCE
S
OF IGNITION
Hazardous Decomposition Products:CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPROPRIATE REGULATIONS.

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