

RHONE-POULENC BASIC CHEMICALS CO -- SODIUM BICARBONATE -- 6810-00-264-6618

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

Product ID:SODIUM BICARBONATE

MSDS Date:03/14/1994

FSC:6810

NIIN:00-264-6618

MSDS Number: BZPGC

=== Responsible Party ===

Company Name:RHONE-POULENC BASIC CHEMICALS CO

Address:1 CORPORATE DRIVE

Box:881

City:SHELTON

State:CT

ZIP:06484

Country:US

Info Phone Num:203-925-3467

Emergency Phone

Num:203-925-3467

CAGE:0GAK8

=== Contractor Identification ===

Company Name:RHONE-POULENC BASIC CHEMICALS CO

Address:1 CORPORATE DRIVE

Box:881

City:SHELTON

State:CT

ZIP:06484

Country:US

Phone:203-925-3300

CAGE:0GAK8

Company Name:VENUS LABORATORIES INC

Address:15571 COMMERCE LANE

Box:City:HUNTINGTON BEACH

State:CA

ZIP:92649

Country:US

Phone:714-881-3100

CAGE:0N140

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

Ingred Name:SODIUM BICARBONATE

CAS:144-55-8

RTECS #:VZ0950000

Fr

action by Wt: 100%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS >4220 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE-EYES/SKIN:MILD

IRRITATION.INHALATION: MAY CAUSE COUGH & MILD RESPIRATORY

IRRITATION.INGESTION:MAY CAUSE NAUSEA, VOMITING & ABDOMINAL

PAINS.DOSES >5G/KG BODY WEIGHT CAN C

AUSE ALKALOSIS & EDEMA.CH

RONIC-SKIN:DERMATITIS & CONJUNCTIVITIS.

Effects of Overexposure:MAY CAUSE EYES, SKIN AND RESPIRATORY TRACT

IRRITATION.IF SWALLOWED, MAY CAUSE NAUSEA,VOMITING AND PAIN.IN

LARGE DOSES, IT MAY CAUSE ALKALOSIS.

Medical Cond Aggravated by Exposure:SKIN IRRITATION MAY BE AGGRAVATED

IN PERSONS WITH EXISTING SKIN LESIONS. BREATHING OF DUST MAY

AGGRAVATE ACUTE OR CHRONIC ASTHMA AND OTHER CHRONIC PULMONARY

DISEASE.

=====
===== First Aid Measu

res =====

First Aid:INHALATION:REMOVE TO FRESH AIR.GIVE CPR IF NOT BREATHING.GET

MEDICAL ATTENTION.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES

HOLDING EYELIDS OPEN.GET MEDICAL ATTENTION.SKIN:REMOVE CONTAMINATED

CLOT HING.WASH SKIN WITH SOAP AND WATER.INGESTION:IF CONSCIOUS,

GIVE 2-3 GLASSES OF WATER/MILK.INDUCE VOMITING. GET IMMEDIATE

MEDICAL ATTENTION.

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

Flash Point:NONCOMBUSTIBLE

E

xtinguishing Media:THIS MATERIAL IS USED AS A DRY POWDER EXTINGUISHING
AGENT SUITABLE FOR ALL CLASSES OF FIRE.

Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS WHEN
CO2 CONCENTRATION EXCEEDS 5 %.

Unusual Fire/Explosion Hazard:IF EXTREMELY LARGE QUANTITIES ARE

INVOLVED, SIGNIFICANT LEVEL OF CARBON DIOXIDE MAY BE GENERATED.

SODA ASH PRODUCED AT >200F IS A RESPIRATORY AND SKIN IRRITANT.

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

Spill Releas

e Procedures:SHOVELS OR SCOOP UP LOOSE MATERIAL AND PLACE IT IN APPROPRIATE CONTAINERS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE IN TIGHTLY CLOSED CONTAINERS AWAY FROM ACIDS.LONG-TERM STORAGE MAY RESULT IN CAKING.

Other Precautions:DO NOT GET IN EYES, SKIN OR CLOTHING.

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

Respiratory Protection:U

SE NIOSH/MSHA APPROVED RESPIRATOR FOR DUSTS

WHEN HANDLING SPILLS OR LEAKS, OR WHEN AIRBORNE CONCENTRATIONS ARE HIGH.

Ventilation:LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:NEOPRENE, NITRILE, VPC OR NATURAL RUBBER

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.WORK CLOTHES, CHEMICAL-RESISTANT BOOTS.HAVE OXYGEN READILY AVAILABLE.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

NOTE TO PHYSICIAN:NO SPECIFIC ANTIDOTE IS AVAILABLE.TREAT

SYMPTOMATICALLY.CONSIDERATION SHOULD BE GIVEN TO THE POSSIBILITY THAT OVEREXPOSURE TO MATERIALS OTHER THAN THIS PRODUCT MAY HAVE OCCURRED.LARGE DOSES,PARTICULARLY IN PATIENTS WITH RENAL INSUFFICIENCY,MAY PRODUCE SYSTEMIC ALKALOSIS AND EDEMA.

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

HCC:N1

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

Decomp Temp:Decomp Text:518F,270C

pH:8.0 1%

Solubility in Water:9.6 %

Appearance and Odor:WHITE GRANULAR SOLID; ODORLESS

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

Stability Indicator/Materials to Avoid:NO

ACIDS

Stability Condition to Avoid:HIGH TEMPERATURES, FLAMES AND MOISTURE

Hazardous Decomposition Products:CARBON DIOXIDE

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

Waste Disposal Methods:DISPO

SAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice
to verify and
assume responsibility for the suitability of this information to their
particular situation.