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VAN WATERS & ROGERS INC. SUB. OF UNIVAR -- SODIUM BICARBONATE -- 6810-00-264-6618
========== Product Identification ==========

Product ID:SODIUM BICARBONATE
MSDS Date:06/01/1994
FSC:6810
NIIN:00-264-6618
MSDS Number: BTQYG
=== Responsible Party ===
Company Name:VAN WATERS & ROGERS INC. SUB. OF UNIVAR
Address:1600 NORTON BLDG.
City:SEATTLE
State:WA
ZIP:98104-1564
Country:US
Info Phone Num:408-435-8700
Emerg
ency Phone Num:800-424-9300,800-424-9300(CHEMTREC)
Preparer's Name:C.A. EISENHARD
CAGE:6E838
=== Contractor Identification ===
Company Name:CHEMICAL COMMODITIES AGENCY, INC.
Address:27447 PACIFIC STREET
Box:City:HIGHLAND
State:CA
ZIP:92346-2640
Country:US
Phone:909-864-2310
CAGE:60777
Company Name:VAN WATERS & ROGERS INC. SUB. OF UNIVAR
Address:1600 NORTON BLDG.
Box:City:SEATTLE
State:WA
ZIP:98104-1564
Country:US
Phone:408-435-8700/800-424-9300(CHEMTREC)
CAGE:6E838
Company Name:VAN WATERS AND RO

GERS
Address:2256 JUNCTION AVE
City:SAN JOSE
State:CA
ZIP:95131
Country:US
Phone:408-435-8700/800-424-9300(CHEMTREC)
CAGE:0AN91

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

Ingred Name:SODIUM BICARBONATE
CAS:144-55-8
RTECS #:VZ0950000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST 9394

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES
Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALING DUST MAY IRRITATE THE NOSE AND THROAT AND CAUSE COUGHING AND CHEST DISCOMFORT. DUST MAY IRRITATE THE EYES. PROLONGED OR REPEATED CONTACT WITH THE SKIN MAY CAUSE IRRITATION. SWALLOWING MAY CAUSE GASTROINTESTINAL DISTURBANCES. CHRONIC: NO SPECIFIC INFORMATION AVAILABLE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: IRRITATION, SKIN: IRRI
TATION. INHALATION:
NOSE AND THROAT IRRITATION, COUGHING, CHEST DISCOMFORT. INGESTION: GASTROINTESTINAL DISTURBANCES.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN OR RESPIRATORY DISORDERS.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO

FR ESH AIR. GIVE CPR IF NEEDED. GET MEDICAL
ATTENTION. INGESTION: INDUCE VOMITING. AMOUNTS OVER 5 G/KG CAN
CAUSE ALKALOSIS AND EXPANSION IN EXTRACELLULAR FLUID VOLUME WITH
EDEMA. GET MEDICAL ATTENTION.

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

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE,
ALCOHOL FOAM.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SCBA AND FULL
PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINE
RS AND
STRUCTURES EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:EXTINGUISH ALL SOURCES OF IGNITION.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT INCLUDING SCBA IN
THE PRESSURE DEMAND MODE. SWEEP UP AND DISPOSE OF IN DOT CONTAINER.
KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS AND SOIL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA AWAY FROM INCOMPATABLE MATERIALS. KEEP BAGS AND FIBER DRUMS
DRY AT ALL TIMES.
Other Precautions:THIS PRODUCT IS INTENDED FOR USE IN FOOD, ANIMAL
FEED, DRUG OR COSMETIC MANUFACTURE AND HAS BEEN PRODUCED AND
PACKAGED IN STRICT ACCORDANCE WITH STRICT QUALITY PRACTICES.
MAINTAIN THIS QUALITY LEVEL A T ALL TIMES, AVOIDING ALL
CONTAMINATION.

========== Exposure Controls/Personal Protection =========
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Respiratory Protection:IF USE CONDITIONS GENERATE DUST, USE A
NIOSH-APPROVED RESPIRATOR.
Ventilation:LOCAL MECHANICAL EXHAUST VENTILATION RECOMMENDED.
Protective Gloves:RUBBER GLOVES.
Eye Protection:CHEMICAL GOGGLES.
Other Protective Equipment:LONG SLEEVED SHIRT, TROUSERS, SAFETY SHOES,
RUBBER APRON. PROVIDE AN EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supp

lemental Safety and Health
HMIS QUESTIONS THE PURITY STATEMENT IN OTHER PRECAUTIONS AND THE SPEC AND TIR DESCRIPTION OF 'TECHNICAL GRADE' SODIUM BICARBONATE.

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

HCC:N1
Decomp Temp:Decomp Text:518F,270C
Spec Gravity:2.16 - 2.2
Solubility in Water:8.8
Appearance and Odor:WHITE, FREE FLOWING, CRYSTALLINE POWDER. ODORLESS.

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

Stability Indicator/Materials to Avoi
d:YES
ACIDS.
Stability Condition to Avoid:EXCESSIVE HEAT AND CONTAMINATION OF ANY KIND.
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE AND OXIDES OF SODIUM.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF CONTAMINATED MATERIAL AND MATERIAL USED IN CLEAN-UPS IN ACCORDANDE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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