

RHONE-POULENC BASIC CHEMICAL CO. -- SODIUM METABISULFITE -- 6810-01-359-4918

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

Product ID:SODIUM METABISULFITE

MSDS Date:09/05/1991

FSC:6810

NIIN:01-359-4918

Kit Part:Y

MSDS Number: CLFMG

=== Responsible Party ===

Company Name:RHONE-POULENC BASIC CHEMICAL CO.

Address:1 CORPORATE DR.

Box:881

City:SHELTON

State:CT

ZIP:06484

Country:US

Info Phone Num:203-925-3300 800-

642-4200

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:03514-90.BSC

Chemtrec Ind/Phone:(800)424-9300

CAGE:0GAK8

=== Contractor Identification ===

Company Name:AQUA-CHEM INC, WATER TECHNOLOGIES DIV

Box:421

City:MILWAUKEE

State:WI

ZIP:53201

Country:US

Phone:202-483-7616,800-424-9300(CHEMTREC)

CAGE:09647

Company Name:BENTLY PACKING CORP

Address:3031WMILL RD

Box:City:MILWAUKEE

State:WI

ZIP:53209

Country:US

CAGE:0BGE6

Company Name:RHONE-POULENC BASIC CHEMICALS CO

Address:1 CORPORATE D

RIVE
Box:881
City:SHELTON
State:CT
ZIP:06484
Country:US
Phone:203-925-3300
CAGE:0GAK8

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

Ingred Name:SODIUM METABISULFITE
CAS:7681-57-4
RTECS #:UX8225000
= Wt:100.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9293

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

LD50 LC50 Mixture:LD (HUMAN) = 10G
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:N
O IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SWALLOWING: MAY CAUSE NAUSEA,
DIARRHEA, ANAPHYLACTIC SHOCK, ACUTE ASTHMA ATTACKS OR LOSS OF
CONSCIOUSNESS. SKIN ABSORPTION: NO EVIDENCE OF ADVERSE EFFECTS FROM
AVAILABLE INFORMATION. INHALATION: DUSTS MAY BE IRRITATING TO THE
NOSE, THROAT AND RESPIRATORY TRACT. SKIN CONTACT: MAY CAUSE
IRRITATION. EYE CONTACT: MAY BE IRRITATING TO EYES.
Explanation of Carcinogenicity:TTHIS PRODUCT DOES NOT CONTAIN ANY
INGREDIENT DESIGN
ATED BY IARC, NTP, ACGIH OR OSHA AS A PROBABLE
HUMAN CARCINOGEN.
Effects of Overexposure:SWALLOWING: MAY CAUSE NAUSEA, DIARRHEA,
ANAPHYLACTIC SHOCK, ACUTE ASTHMA ATTACKS OR LOSS OF CONSCIOUSNESS.
SKIN ABSORPTION: NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE
INFORMATION. INHALATION: DUSTS MAY BE IRRITATING TO THE NOSE,
THROAT AND RESPIRATORY TRACT. SKIN CONTACT: MAY CAUSE IRRITATION.
EYE CONTACT: MAY BE IRRITATING TO EYES.
Medical Cond Aggravated by Exposure:SOME ASTHMAT

ICS ARE HYPERSENSITIVE
TO SULFITES.SKIN IRRITATION MAY BE AGGRAVATED WHERE THERE ARE
EXISTING LESIONS.INHALATION MAY AGGRAVATE ASTHMA AND PULMONARY
DISEASES(EG.BRONCHITIS,EMPHYSEMA).

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

First Aid:SWALLOWED: IF CONSCIOUS, GIVE 1 OR MORE GLASSES WATER/MILK.
INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS OR CONVULSING. GET
IMMEDIATE MEDICAL ATTENTION. SKIN: WASH AFFECTED AREAS WITH PLENTY
OF SOAP & WATER FOR
OR SEVERAL MINUTES WHILE REMOVING CONTAMINATED
CLOTHES. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS. INHALATION:
REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING GIVE CPR OR ARTIFICIAL
RESPIRATION. IF DIFFICULT BREATHING, GIVE OXYGEN. GET MEDICAL
ATTENTION. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, LIFTING
LIDS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NOT COMBUSTIBLE
Extinguishing Media:USE APPROPRIATE EXTINGUISHING MEDIA FOR MATERIAL
THAT IS SUPPLYING THE FUEL.
Fire Fighting Procedures:WEAR A NIOSH SELF-CONTAINED BREATHING
APPARATUS AND FULL PROTECTIVE CLOTHING.EVACUATE RESIDENTS DOWNWIND
OF FIRE.PREVENT UNAUTHORIZED ENTRY INTO FIRE. DIKE AREA TO PREVENT
RUNOFF AND CONTAMINATION OF WATER SOURCES. PERSONS EXPOSED TO
CONTAMINATED SMOKE SHOULD BE RELIEVED OF DUTIES AND CHECKED FOR
SYMPTOMS.
Unusual Fire/Explosion Hazard:COMBUSTION YIELDS TOXIC FUMES OF SULFUR
DIOXIDE AND SODIUM OXIDE.

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

Spill Release Procedures:CLEAN UP SPILLAGE WITH SHOVELS, SWEEPING OR
VACUUMING. AVOID DUST GENERATION. PLACE IN APPROPRIATE CONTAINERS
FOR DISPOSAL. STAND UPWIND IF POSSIBLE. FLUSH AREA WITH WATER. DO
NOT FLUSH TO PUBLIC WATERWAYS OR SEWERS. WEAR APPROPRIATE
PROTECTIVE CLOTHING & EQUIPMENT.
Neutralizing Agent:DLA-HMIRS STAFF: IF NEEDED, USE A WEAKLY BASIC
NEUTRALIZER, LIKE 10% SODIUM

UM CARBONATE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY PLACE. KEEP CONTAINERS TIGHTLY CLOSED. AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATH DUST. DO NOT SWALLOW.

Other Precautions:PERSONS SENSITIVE TO SULFITES SHOULD BE IDENTIFIED AND NOT ALLOWED TO COME INTO CONTACT WITH THIS PRODUCT.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST WITH ACID GAS CARTRIDGE. USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS FOR EMERGENCY CONDITIONS.

Ventilation:LOCAL EXHAUST AS NEEDED TO MAINTAIN AIBORNE EXPOSURE BELOW EXPOSURE LIMITS.

Protective Gloves:CHEMICAL-RESISTANT GLOVES.

Eye Protection:DUST-PROOF GOGGLES.

Other Protective Equipment:MAINTAIN A SINK, SAFTEY SHOWER AND EYEWASH FOUNTAIN IN THE WORK AREA. HAVE OXYGEN READILY AVAILABLE.

Work Hygienic Practices:NO DATA PROVIDED BY MANUFACTURER.

Su

pplemental Safety and Health

KIT/KIT PART ENABLED SINCE THIS NSN IS/CAN BE A COMPONENT OF A KIT (NSN 6850-01-423-1699 (SERAIL #: ZZZXK), A SUBASSEMBLY OF NSN 4610-01-371-1790 (ZZZXJ). HCC IS FOR NSN STAND-ALONE. KIT HCC IS C1.

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

HCC:T6

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

Decomp Temp:>150.C, 302.F

Vapor Pres:NON-VOLATILE

Spec Gravity:1.48

pH:4.3@1%

Appearance and Odor:WHITE GRANULES OR POWDER;ODOR-SHARP,PUNGENT,LIKE

SULFUR DIOXIDE.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

MINERAL ACIDS,OXIDIZING AGENTS,WATER.

Stability Condition to Avoid:AIR AND MOISTURE.

Hazardous Decomposition Products:SULFUR DIOXIDE AND SULFUR OXIDE.

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

Toxicological Information:SODIUM METABISULFITE IS GENERALLY RECOGNIZED AS SAFE BY THE FDA. IT IS USED AS A FOO

D ADDITIVE AND WOULD NOT BE EXPECTED TO CREATE SEVERE ADVERSE REACTIONS UNLESS THE INDIVIDUAL(S) IS EXPOSED TO LARGE QUANTITIES OR IS SENSITIVE TO SULFITES AND EXPERIENCES AS ASTHMATIC REACTION. REPRODUCTIVE EFFECTS: IN A TWO-GENERATION RAT REPRODUCTION STUDY WITH TWO MATINGS PER GENERATION, SODIM METABISULFITE WAS FOUND NOT TO BE A REPRODUCTIVE TOXIN.

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

Ecological:NO DATA PROVIDED BY MANUFACTURER

===

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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

Transport Information:DOT: LAND/WATER: NOT REGULATED. AIR (AQUEOUS SOLUTIONS ONLY; DOT-HMIRS STAFF NOTE): SODIUM METABISULFITE. HAZARD CLASS: ORM-B (NO LONGER IN USE). ID #: NA 2693. LABEL: NONE, MARK ORM-B (NO LONGED USED).

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

SARA Title III Information:SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE LIST: NOT LISTED. SECTION 313: NOT LISTED. REPORTABLE QUANTITY (RQ) UNDER US EPA CERCLA: NOT LISTED. SECTION 311/312 HAZARD CLASSIFICATION: IMMEDIATE (ACUTE) HEALTH-YES; DELAYED (CHRONIC) HEALTH: NO; FIRE: NO; SUDDEN RELEASE OF PRESSURE: NO; REACTIVE: NO.

Federal Regulatory Information:RCRA HAZARDOUS WASTE: NOT LISTED.

State Regulatory Information:CALIFORNIA: NOT LISTED.

CONNECTICUT:

SURVEY. FLORIDA: TOXIC. ILLINOIS: TOXIC. LOUISIANA: RTK.

MASSACHUSETTS: RTK. NEW JERSEY: ID# 1708, RTK. NEW YORK: NOT LISTED. PENNSYLVANIA: RTK. RHODE ISLAND: HAZA RD LIST, NOTE T.

CANADA: LIST, 1%, NO. 1447.

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

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.