

JEM SALES, INC (INCHEMCO DIVISION) -- F-172 SODIUM BICARBONATE -- 6810-00-297-0092

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

Product ID:F-172 SODIUM BICARBONATE

MSDS Date:01/24/1994

FSC:6810

NIIN:00-297-0092

MSDS Number: BVGLD

=== Responsible Party ===

Company Name:JEM SALES, INC (INCHEMCO DIVISION)

Address:430 LAVENDER DRIVE

City:ROME

State:GA

ZIP:30165-2262

Country:US

Info Phone Num:404-232-1710

Emergency Phone Num:800-424-9300 CHEMTREC

Preparer's Name:R BLAIR WARN

ER

CAGE:LO226

=== Contractor Identification ===

Company Name:JEM SALES INC INCHEMCO DIV

Address:430 LAVENDER DR

Box:City:ROME

State:GA

ZIP:30165-2262

Country:US

Phone:706-232-1709

CAGE:0AZD7

Company Name:JEM SALES, INC (INCHEMCO DIVISION)

Address:430 LAVENDER DRIVE

City:ROME

State:GA

ZIP:30165-2262

Country:US

Phone:404-232-1710

CAGE:LO226

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

Ingred Name:SODIUM BICARBONATE

CAS:144-55-8

RTECS #:VZ0950000

Fraction by Wt: 100%

Oth

er REC Limits:NONE RECOMMENDED
OSHA PEL:NOT HAZARDOUS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:REPEATED EXPOSURE MAY LEAD TO CONTACT DERMATITIS. PROLONGED CONTACT WITH DUST OR VAPORS MAY CAUSE CONJUNCTIVITIS. SKIN IRRITATION MAY BE AGGRAVATED IN PERSONS WITH EXISTING SKIN LESIONS. BREATHING OF DUST MAY AGGRAVATED ACUTE OR CHRONIC ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE.

Effects of Overexposure:SWALLOWING: MILDLY TOXIC BY INGESTION. MAY CAUSE NAUSEA, VOMITING, & ABDOMINAL PAIN, DOSES >5 G/KG BODY WEIGHT CAN CAUSE ALKALOSIS & EXPANSION IN EXTRACELLULAR FLUID VOLUME WITH EDEMA. SKIN ABSORPTION : APPLICATION OF LARGE AMOUNTS TO SKIN MAY CAUSE ALKALOSIS. INHALATION: MAY CAUSE COUGH & MILD RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:BREATHING OF DUST MAY AGGRAVATE ACUTE OR CHRONIC ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE.

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

First Aid:INHAL:REMOVE FROM EXPOSURE.ASSURE INDIVIDUAL BREATHING,IF NOT,USE CPR OR ARTIF RESPIRATION.GET MED AID. INGESTION:IF PATIENT CONSCIOUS & ALERT GIVE 2-3 GLASSES WATER OR MILK.IF AVAILABLE,GIVE 1 TABLES POON IPECAC.IF VOMITING HASN'T OCCURREDIN 20 MIN,REPEAT 1 TABLESPOON IPECAC.GET MED AID. SKIN:IMMED WASH W/PLENTY OF WATER & SOAP,REMOVING CONTAM CLOTHES & SHOES.WASH CONTAM CLOTHING BEFORE REUSE.

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

Flash Point:NONCOMBUSTIBLE

Extinguishing Media:NOT COMBUSTIBLE. THIS MATERIAL IS USED AS A DRY POWDER EXTINGUISHING AGENT SUITABLE FOR ALL CLASSES OF FIRES

Fire Fighting Procedures:SEE ABOVE

Unusual Fire/Explosion Hazard:IF LARGE QTY INVOLVED, HIGH LEVELS OF CARBON DIOXIDE MAY BE GENERATED (USE SCBA). SODA ASH, (ANOTHER DECOMP PRODUCT AT >200F) IS RESPIRATORY AND SKIN IRRITANT

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

Spill Release Procedures: TO EXTENT POSSIBLE, CLEAN UP SPILLAGE USING SHOVELS. SCOOP UP LOOSE MATERIAL & PLACE IT IN APPROP CONTAINERS. IF SPILLED ON GROUND, AFFECTED AREA SHOULD BE SCRAPED CLEAN & MATERIAL PLACE IN CONTAINER FOR DISPOSAL. WEAR APPROP CLOTHING & EQUIPMENT.

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

Handling and Storage Precautions: MATERIAL IS GENERALLY REGARDED AS SAFE

(GRAS) FOR HUMANS AND ANIMALS. STORE IN COOL, DRY PLACE IN TIGHTLY CLOSED CONTAINERS AWAY FROM ACIDS.

Other Precautions: LONG STORAGE MAY RESULT IN CAKING. PROTECTIVE EQUIPMENT SHOULD BE USED DURING THE FOLLOWING PROCEDURES: MANUFACTURE OR FORMATION OF PRODUCT. REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT. CLEAN-UP OF LEAKS AND SPILLS.

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

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST WHEN

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

Ventilation: LOCAL EXHAUST VENTILATION, WHEN NECESSARY.

Protective Gloves: CHEMICAL RESISTANT GLOVES

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: WORK UNIFORM, CHEMICAL RESISTANT BOOTS.

MAINTAIN SINK, SAFETY SHOWER, EYEWASH FOUNTAIN IN WORK AREA. HAVE OXYGEN AVAILABLE.

Work Hygienic Practices: WASH CONTAMINATED CLOTHING SEPARATELY BEFORE REUSE.

Supplemental Safety and Health

=====

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

Decomp Temp: Decomp Text: 518F, 270C

pH: 8

Solubility in Water: 9.6 G/100G (20C)

Appearance and Odor: WHITE GRANULAR SOLID; ODORLESS

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

Stability Indicator/Materials to Avoid: NO

MOISTURE AND HEAT SENSITIVE. DECOMPOSES WEAK ACIDS RELEASING HEAT AND FORMING SALT, WATER AND CARBON DIOXIDE.

Stability Condition to Avoid: AT AMBIENT TEMP & ATMOSPHERIC PRESSURE, IT TENDS

TO EVOLVE CO2 SLOWLY & ABSORB MOISTR.AT ELEVATD TEMP CO2 &
WATER EVOLVED

Hazardous Decomposition Products:WHEN TEMP RAISED TO 190F & BEYOND, CO2
GAS WILL BE RELEASED. RESULTING DUST MAY BE IRRITATING TO EYES,SKIN
& RESP TRACT.

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

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