

JONES-HAMILTON CO -- SODIUM BISULFATE/CID AA460 -- 7930-00-559-9481

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

Product ID:SODIUM BISULFATE/CID AA460

MSDS Date:04/07/1986

FSC:7930

NIIN:00-559-9481

MSDS Number: BJZVY

=== Responsible Party ===

Company Name:JONES-HAMILTON CO

Address:ENTERPRISE AT WILLOW

Box:464

City:NEWARK

State:CA

ZIP:94560

Country:US

Info Phone Num:415-797-2471 OR 419-666-9838

Emergency Pho

ne Num:415-797-2471(CHEMTREC 800-424-9300)

CAGE:93594

=== Contractor Identification ===

Company Name:JONES-HAMILTON CO.

Address:8400 ENTERPRISE DRIVE

Box:City:NEWARK

State:CA

ZIP:94560

Country:US

Phone:510-797-2471/510-792-4500

CAGE:93594

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

Ingred Name:SODIUM BISULFATE ANHYDROUS GLOBULAR (SODIUM ACID SULFATE,
NITRE CAKE)

CAS:7681-38-1

RTECS #:VZ1860000

Fraction by Wt: 94.5%

Other REC Limits:NONE SPECIFIED

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==== Hazards Identification =====

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

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

Health Hazards Acute and Chronic:INCLUDING SIGNIFICANT ROUTES EFFECTS,
SYMPTOMS OF OVER EXPOSURE & MEDICAL CONDITIONS AGGRAVATED BY
EXPOSURE.

Effects of Overexposure:WATERING OF EYES, MILD SKIN BURNS, MILD BURNING
SENSATION MAY OCCUR TO MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT.
INHALATION: IRRITANT. SKIN: MILD TO SEVE

RE IRRITANT. INGESTION:
IRRITANT.

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

First Aid:EYES:FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES, GET PROMPT
MEDICAL ATTENTION. SKIN:FLUSH WITH WATER FOR 15 MINUTES. IF BURNS
OCCUR OBTAIN MEDICAL HELP. INHALE:MOVE TO FRESH AIR LOCATION.
SWALLOW:DRIN K LARGE QUANTITIES OF WATER/MILK, FOLLOW WITH MILK OF
MAGNESIA, BEATEN EGGS OR VEGETABLE OIL. DO NOT INDUCE VOMITING.
CONTACT PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:WATER OR DRY CHEMICAL AS APPROPRIATE FOR
COMBUSTIBLES IN AREA

Fire Fighting Procedures:WHEN WATER USED TO EXTING COMBUSTIBLES/PRODUCT
IS DISSOLVED IN WATER FORMING SULFURIC ACID.USE ACID PROTECTIVE
EQUIP. ELEVATED TEMPS(+570F)IS REACHED, USE SCBA

Unusual Fire/Explosion Hazard:PRODUCT READILY DISSOLVES IN WATER TO
FORM WEAK SULFURIC ACID SOLUTION. NO GASES, TOXIC FUMES ARE EMITTED
FROM REACTION, BUT PRECAUTIONS SHOULD BE FOLLOWED.

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

Spill Release Procedures:SMALL:MATERIAL IS A GRANULAR PRODUCT & CAN BE
SWEPT UP FROM SURFACES. LARGE:PICK UP AS MUCH AS POSSIBLE W/SHOVEL
OR OTHER TOOL. NEUTRALIZE BALANCE OF SPILL W/WEAK ALKALINE SOLUTION
& WASH DOWN TO SEWE R IF FEDERAL, STATE & LOCAL REGULATIONS PERMITS.

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

Handling and Storage Pr

Precautions: AVOID CONTACT WITH SKIN, EYES OR CLOTHING. DO NOT STORE WHERE EXPOSED TO MOIST CONDITIONS OR NEAR STRONG ALKALIES. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions: WEAR ALL RECOMMENDED PROTECTIVE EQUIPMENT WHEN HANDLING.

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

Respiratory Protection: NIOSH OR MSA CERTIFIED DUST MASK SHOULD BE WORN WHILE HANDLING PRODUCT TO CONTROL EXPOSURE BELOW NUISANCE DUST LIMITS OF 10 MG/M3

Ventilation: LOCAL EXHAUST
: LOCAL VENTILATION TO A DUST COLLECTOR IS RECOMMENDED.

Protective Gloves: ACID RESISTANT GLOVES: RUBBER OR NEOPRENE

Eye Protection: SAFETY GOGGLES OR FULL FACE SHEILD

Other Protective Equipment: CLOTHES SHOULD COMPLETELY COVER SKIN TO AVOID SKIN CONTACT. COATS, COVERALLS OR APRONS ARE RECOMMENDED.

Work Hygienic Practices: USE COMMON SENSE & CARE AROUND CHEMICALS. NEVER MIX CHEMICALS. CONSULT YOUR SUPERVISOR FOR OTHER PRACTICES.

Supplemental Safety and Health

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

HCC: C1

Melt/Freeze Pt: M.P/F.P Text: 350F, 177C

Solubility in Water: 100%

Appearance and Odor: OFF-WHITE, BEAD LIKE, GRANULAR, DRY MATERIAL

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

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH STRONG ALKALINE MATERIAL SUCH AS CAUSTIC. REACT WITH WATER TO FORM WEAK SULFURIC ACID SOLUTION.

Stability Condition to Avoid: STORE IN DRY AREA TO AVOID MOISTURE CONTACT

Hazardous Decom

position Products: NONE UNLESS HEATED OVER 570F AT WHICH SULFUR DIOXIDE & SULFUR TRIOXIDE ARE FORMED.

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

Waste Disposal Methods: COMPLY WITH ALL THE STATE, FEDERAL & LOCAL REGULATIONS.

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