

J.T.BAKER INC. -- O-S-809,SULFURIC ACID -- 6810-00-061-1104

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Product Identification  
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Product ID:O-S-809,SULFURIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-061-1104

MSDS Number: BCWRZ

=== Responsible Party ===

Company Name:J.T.BAKER INC.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:201-859-2151

Emergency Phone Num:908-859-2151/800-424-9

300(CHEMTREC)

Preparer's Name:NOT PROVIDED

CAGE:HO852

=== 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:J.T.BAKER INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08885

Phone:201-859-2151

CAGE:HO852

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Composition/Information on Ingredients  
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Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTE

CS #:WS5600000  
Fraction by Wt: 95.0%  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:CONJUNCTIVITIS, CORNEAL NECROSIS, DERMATITIS,  
SKIN BURNS, ULCERATION, IRRITATION OF NOSE AND THROAT, EDEMA.

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

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First Aid:IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH  
PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED  
CLOTHING AND SHOES. CALL A PHYSICIAN. IF SWALLOWED, DO NOT GIVE  
EMETICS. IF CONSCIOUS, GIVE TAP WATER, MILK, OR MILK OF MAGNESIA.  
CALL A PHYSICIAN.

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

Flash Point:N.A.  
Extinguishing Media:SUITABLE DRY CHEMICAL  
Fire Fighting Procedures:DO NOT USE WATER TO PUT OUT FIRE IF WATER CAN

GET INTO SULFURIC ACID. FIRE NEXT TO SULFURIC ACID TANK: USE  
RESPIRATORY PROTECTION. AVOID BREATHING VAPOR.

Unusual Fire/Explosion Hazard:REACTS VIOLENTLY WITH WATER AND ORGANIC  
MATERIALS WITH EVOLUTION OF HEAT.

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

Spill Release Procedures:COVER THE CONTAMINATED SURFACE WITH SODIUM  
BICARBONATE OR A SODA ASH SLAKED LIME MIXTURE (50-50). MIX AND ADD  
WATER, IF NECESSARY, TO FORM A SLURRY. SCOOP UP SLURRY. ALTERNAT  
ELY  
USE J. T. BAKER'S NEUT RASORB.

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE AND  
PREVENT CONTACT WITH WATER. SEPARATE FROM CARBIDES, CHLORATES,  
NITRATES, FULMINATES, PICRATES, AND POWDERED METALS.  
Other Precautions:SEPARATE FROM COMBUSTIBLE MATERIALS. DO NOT ALLOW  
WATER TO GET INTO CONTAINER BECAUSE OF VIOLENT REACTION. KEEP IN  
TIGHTLY CLOSED CONTAINER. LOOSEN CLOSURE CAUTIOUSLY. DO NO

DO NOT GET IN EYES, OR ON SKIN.

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

Respiratory Protection:SELF CONTAINED BREATHING APPARATUS  
Ventilation:LOCAL VENTILATION AS REQUIRED TO CONTROL TLV IN AIR  
Protective Gloves:RUBBER GLOVES.  
Eye Protection:SAFETY GOGGLES  
Other Protective Equipment:APPROVED WORKING CLOTHES (HAVE A BODY SHIELD AVAILABLE, RUBBER BOOTS.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DO NOT GET ON CLOTHING.  
Supplemental Safety and Health

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

HCC:C1  
NRC/State Lic Num:NOT RELEVANT  
Vapor Density:3.40  
Spec Gravity:1.84  
Solubility in Water:COMPLETE  
Appearance and Odor:OILY LIQUID.

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

Stability Indicator/Materials to Avoid:YES  
HIGHLY CORROSIVE. MAY SET FIRE TO WOOD OR CELLULOSE, CARBIDES.  
Stability Condition to Avoid:AVOID ADDING WATER TO THE ACID SINCE HEAT IS PRODUCED  
Hazardous Decomposition Products:HYDROGEN GAS, SULFUR DIOXIDE, SULFUR TRIOXIDE

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

Waste Disposal Methods:DISPOSE THROUGH AN APPROVED WASTE TREATMENT PLANT OR ADD SLOWLY TO A LARGE AMOUNT OF SOLUTION OF SODA ASH AND SLAKED LIME BY STIRRING, AND DISPOSE OF INTO AN APPROVED DISPOSAL AREA.

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