

MALLINKRODT-BAKER -- SULFAMIC ACID -- 6810-01-236-9402

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Product Identification
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Product ID:SULFAMIC ACID

MSDS Date:01/04/1994

FSC:6810

NIIN:01-236-9402

MSDS Number: CGLVL

=== Responsible Party ===

Company Name:MALLINKRODT-BAKER

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:908-859-2151/800-582-2537

Emergency Phone Num:908-859-2151/800-42

4-9300(CHEMTREC)

CAGE:EO303

=== Contractor Identification ===

Company Name:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST

Box:1987

City:SOUTH GATE

State:CA

ZIP:90280

Country:US

Phone:213-562-9500

CAGE:75656

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

Company Name:MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)

Address:222 RED SCHOOL LANE

Box:NONE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Coun

try:US
Phone:800-582-2537 EXT 6501/908-859-2151
CAGE:EO303
Company Name:VWR SCIENTIFIC - DIV OF UNIVAR
Address:200 CENTER SQUARE RD
Box:626
City:BRIDGEPORT
State:NJ
ZIP:08014
Country:US
Phone:609-467-2600
CAGE:2E624

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Composition/Information on Ingredients
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Ingred Name:SULFAMIC ACID
CAS:5329-14-6
RTECS #:WO5950000
Fraction by Wt: 99- 100%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (O
RAL, RAT) IS 3160 MG/KG.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
AND GASTROINTESTINAL TRACTS. ACUTE- CORROSIVE. INHALE:MAY CAUSE
IRRITATION OF UPPER RESPIRATORY TRACT. EYE/SKIN:CAUSES SEVERE
IRRITATION OR BURNS. ORAL:MAY CAUSE SEVERE BURNS TO MOUTH, THROAT
AND ESOPHAGUS. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overex
posure:SEVERE IRRITATION, PAIN, NAUSEA, VOMITING,
TEARING, COUGHING, SEVERE BURNS
Medical Cond Aggravated by Exposure:DAMAGED SKIN

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First Aid Measures
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First Aid:GET MEDICAL ATTENTION IMMEDIATELY. INHALED:MOVE TO FRESH AIR.
PROVIDE CPR/OXYGEN IF NEEDED. EYES/SKIN:IMMEDIATELY FLUSH WITH
WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. REMOVE CONTAMINATED
CLOTHING. ORAL :DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK WATER,
MILK OR MILK OF

MAGNESIA. IF VOMITING OCCURS, RINSE MOUTH AND DRINK MORE WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

TAINED BREATHING APPARATUS WITH FULL

FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS EXPLODE. DECOMPOSES AT BOILING POINT.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. CAREFULLY, SWEEP, SCOOP OR PICK UP SPILLED MATERIAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL. PACKAGE FOR DISPOSAL. VENTILATE CLOSED AREAS. AVOID INHALATION OF DUST.

WASH SPILL AREA WITH WATER.

Neutralizing Agent:SODA ASH, SODIUM BICARBONATE

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

Handling and Storage Precautions:STORE IN DRY, CORROSION-PROOF AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:CAUTION! CORROSIVE. DO NOT GENERATE DUST. AVOID BREATHING DUST. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. EMPTY CONTAINER RETAINS RESIDUE.

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

Respiratory Protection:NONE SHOULD BE NEEDED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR MASK. IF CONCENTRATION EXCEEDS CAPACITY OF RESPIRATOR, A SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE

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Protective Gloves:RUBBER
Eye Protection:LAB GRADE GOGGLES
Other Protective Equipment:SAFETY SHOWER, EYE BATH, CLEAN BODY-COVERING CLOTHING
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.
Supplemental Safety and Health

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

HCC:C1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:408F,209C
Melt/Freeze Pt:M.P/F.P Text:401F,205C
Decomp Temp:Decomp Text:408F,209C
Spec Gravity:2.11
pH:1.2 1%
Viscosity:NOT RELEVANT
Evaporation Rate & Reference:NOT RELEVANT
Solubility in Water:APPRECIABLE (>10%)
Appearance and Odor:WHITE CRYSTALS - ODORLESS

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

Stability Indicator/Materials to Avoid:YES
HYPOCHLOROUS ACID, HYPOCHLORITES, CYANIDES, SULFIDES, STRONG OXIDIZERS, STRONG ALKALIS, METAL OXIDES, ACTIVE METALS
Stability Condition to Avoid:EXTREME HEAT
Hazardous Decomposition
Products:SULFUR DIOXIDE, SULFUR TRIOXIDE, AMMONIA GAS, OXIDES OF NITROGEN

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

Waste Disposal Methods:DISPOSE IN AN APPROVED HAZARDOUS WASTE FACILITY. OBSERVE FEDERAL, STATE AND LOCAL LAWS. HAZARDOUS WASTE NUMBER: D002. REUSING IS RECOMMENDED.

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