

CITY CHEMICAL CORPORATION -- SULFAMIC ACID -- 6810-01-236-9402

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Product Identification
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Product ID:SULFAMIC ACID

MSDS Date:12/20/1995

FSC:6810

NIIN:01-236-9402

MSDS Number: BYFML

=== Responsible Party ===

Company Name:CITY CHEMICAL CORPORATION

Address:232 W.22ND STREET

City:NEW YORK

State:NY

ZIP:10011-2418

Country:US

Info Phone Num:800-CIT-CHEM/FAX 201-653-4468

Emergency Phone Num:800-C

IT-CHEM/201-653-6900

CAGE:83628

=== Contractor Identification ===

Company Name:CITY CHEMICAL CORPORATION

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-248-2436

CAGE:83628

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Composition/Information on Ingredients
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Ingred Name:SULFAMIC ACID

CAS:5329-14-6

RTECS #:WO5950000

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 3160 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HARMFUL IF SWALLOWED, INHALED OR
ABSORBED THROUGH SKIN. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE
OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, EYES AND SKIN.
INHALATION MAY BE FATAL AS A RESULT OF SPASM, INFLAMMATION AND
EDEMA.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:SYMPTOMS OF OVEREXPOSURE MAY
INCLUDE BURNING

SENSATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH,
HEADACHE, ANUSEA AND VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH
COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MIN WHILE REMOVING
CONTAMINATED CLOTHING & SHOES. IF INHALED, REMOVE TO FRESH AIR. IF
NOT BREATHING GIVE ARTIFICIAL RESPI
RATION. IF BREATHING IS
DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER
PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. DISCARD
CONTAMINATED SHOES.

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

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER OR APROPIATE
FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:EVACUATE AREA. WEAR SELF-CONTAINED BREATHING
APPARATUS, RUBBER BOOTS & HEAVY RUBBER GLOVES. COVER WITH DRY LIME
OR SODA ASH, PICK UP, KEEP IN A CLOSED CONTAINER AND HOLD FOR WASTE
DISPOSAL. VENTILATE AREA WASH SPILL SITE AFTER MATERIAL PICKUP IS
DONE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:HARMFUL SOLID. KEE TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

Other Precautions:DO NOT BREATHE DUST. DO NOT GET IN EYES, ON SKIN, ON
CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE. CORROSIVE.

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

Respiratory Protection:WEAR APPROIATE NIOSH/MSHA-APROVED RESPIRATOR.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GOGG
LES, FACESHIELD (8IN MIN.)

Other Protective Equipment:OTHER PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. WASH
CONTAMINATED CLOTHING BEFORE RESUE.

Supplemental Safety and Health
CORROSIVE.

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

HCC:C1

Melt/Freeze Pt:M.P/F.P Text:419F,215C

Appearance and Odor:WHIRE CRYSTAL.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDI

ZING AGENTS, STRONG BASES.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SULFUR OXIDES, NITROGEN OXIDES.

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

Waste Disposal Methods:DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE
SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTER
BURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE AND LOCAL
ENVIRONMENTAL REGULATIONS.

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