

CITY CHEMICAL CORPORATION -- SULFAMIC ACID -- 6810-00-926-9138

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Product Identification
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Product ID:SULFAMIC ACID

MSDS Date:01/04/1996

FSC:6810

NIIN:00-926-9138

MSDS Number: BNTMV

=== 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 SPECIFIED

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

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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 Condition Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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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 RESPIRATION. IF BREATHING IS
DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER
PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. DISCARD
CONTAMINATED SHOES.

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Fire Fighting Measures
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Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE
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.

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Accidental Release Measures
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Spill Release Procedures: EVACUATE AREA. WEAR SELF-CONTAINED BREATHING
APPARATUS, RUBBER BOOTS

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Handling and Storage
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Handling and Storage Precautions: STORE IN A COOL, DRY PLACE. KEEP
TIGHTLY CLOSED. ISOLATE FROM INCOMPATIBLE MATERIALS. AVOID CONTACT
AND INHALATION.

Other Precautions: MECHANICAL EXHAUST REQUIRED.

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Exposure Control
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ols/Personal Protection =====

Respiratory Protection:NONE REQUIRED IF VENTILATION CONTROLS ADEQUATE.
USE NIOSH/MSHA APPROVED RESPIRATOR IF ENGINEERING CONTROLS ARE NOT
IN PLACE OR INADEQUATE. IF RESPIRATORY PROTECTION IS USED; A
PROGRAM IN ACCORDANCE WITH 29 CFR 1910.134 MUST BE IMPLEMENTED.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO
DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

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ther Protective Equipment:EYE WASH STATION & SAFETY SHOWER, CLOTHING
TO PREVENT REPEATED OR PROLONGED CONTACT.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

DO NOT GET IN EYES, ON SKIN OR CLOTHES.

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

HCC:C1

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

Appearance and Odor:WHITE CRYSTAL.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG BASES.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SULFUR OXIDES, NITROGEN OXIDES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. ALDRICH/SIGMA: DISSOLVE OR MIX WITH A
COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL IN
CINERATOR EQUIPPED
WITH AFTERBURNER AND SCRUBBER. EPA WASTE NUMBER= D002 (CORROSIVE
WASTE).

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