

CITY CHEMICAL CORPORATION -- CITRIC ACID, MONOHYDRATE -- 6810-00-281-2014

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

Product ID:CITRIC ACID, MONOHYDRATE

MSDS Date:01/03/1995

FSC:6810

NIIN:00-281-2014

MSDS Number: BXQDS

=== 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:201-653-6900/FAX -4468

Emergency

Phone Num:201-653-6900/800-424-9300(CHEMTREC)

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

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

Ingred Name:CITRIC ACID HYDRATED, (MONOHYDRATED),

CAS:5949-29-1

RTECS #:GE7810000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:IPR-RAT LD50: 375 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:MAY BE HARMFUL BY INHALATION,

INGESTION, OR SKIN ABSORPTION. MAY CAUSE EYE AND SKIN IRRITATION.

MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE

SPECIFIED BY MANUFACTURER.

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

First Aid:IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. IF INHALED, REMOVE T O FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IN CONSCIOUS. C

ALL A  
PHYSICIAN.

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

Extinguishing Media:WATER SPRAY. CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

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

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

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS,  
RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID BREATHING DUST. VENTILATE AREA & WASH SPILL SITE AFTER MATERI AL PICKUP IS COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. STORE IN A COOL, DRY PLACE.

Other Precautions:IRRITANT. AVOID CONTACT AND INHALATION. DO NOT GET IN EYES, ON SK  
IN, ON CLOTHING.

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

Respiratory Protection:NIOSH/MSHA-APPROVED RESPIRATOR.

Ventilation:MECHANICAL EXHAUST REQUIRED.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:SAFETY SHOWER AND EYE BATH.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health  
IRRITANT.

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

HCC:N1

Appearance and

Odor:WHITE CRYSTALS.

===== 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:TOXIC FUMES OF: CARBON MONOXIDE,  
CARBON DIOXIDE.

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

Waste Disposal Methods:DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE  
SOLVENT AND BURN IN A CHEMICAL INC

INERATOR EQUIPPED WITH A

AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE AND LOCAL  
ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent p  
rofessional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.