

EM SCIENCE DIV OF EM INDUSTRIES -- CX1725 CITRIC ACID, HYDRATE GR, GRANULAR, 500 G --
6810-00-281-2014

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

Product ID: CX1725 CITRIC ACID, HYDRATE GR, GRANULAR, 500 G

MSDS Date: 10/27/1987

FSC: 6810

NIIN: 00-281-2014

MSDS Number: BKYKG

=== Responsible Party ===

Company Name: EM SCIENCE DIV OF EM INDUSTRIES

Address: 111 WOODCREST ROAD

Box: 5018

City: CHERRY HILL

State: NJ

ZIP:

08034-0395

Info Phone Num: (609) 354-9200

Emergency Phone Num: (609) 424-6300

CAGE: EO656

=== Contractor Identification ===

Company Name: EM INDUSTRIES INC CHEMICALS & PIGMENTS DIVISION

Address: 7 SKYLINE DRIVE

Box: City: HAWTHORNE

State: NY

ZIP: 10532

Country: US

Phone: 914-592-4660

CAGE: 0AL61

Company Name: EM SCIENCE DIV OF EM INDUSTRIES

Address: 111 WOODCREST

City: CHERRY HILL

State: NJ

ZIP: 08034-0395

Phone: (513) 631-0445

CAGE: EO656

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

Ingr

ed Name:CITRIC ACID, MONOHYDRATE

CAS:5949-29-1

RTECS #:GE7810000

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 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:EYES/SKIN/INHALATION/INGESTION:
IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES/SKIN/INHALATION/INGESTION: IRRITATION.

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

First Aid:SKIN: WASH W/SOAP & WATER. EYES: FLUSH THOROUGHLY W/WATER.
INHALATION: REMOVE TO FRESH AIR. INGESTION: OBTAIN MEDICAL
ATTENTION IN ALL CASES.

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

Extinguishing Media:FOAM, CO2, DRY POWDER, WATER SPRAY

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.

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

Spill Release Procedures:TAKE U
P & CONTAINERIZE FOR DISPOSAL.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED.

Other Precautions:AVOID BREATHING DUST, CONTACT W/EYES, & SKIN. DON'T
TAKE INTERNALLY.

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

Ventilation:AN APPROVED FUME HOOD OR ADEQUATE VENTILATION.

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:EYE WASH & SAFETY EQUIPM

ENT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:212F

Spec Gravity:1.542

Solubility in Water:65%

Appearance and Odor:WHITE GRANULES

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

Stability Indicator/Materials to Avoid:YES

ALKALIES, ALKALI CARBONATES, METAL NITRATES

Hazardous Decomposition Products:CO &

CO2

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &
FEDERAL 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 professional advice to verify and assume responsibility for the suitability of this information to their particular situation.