

===== MSDS
Safety Information
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[TOP](#)

FSC: 6810

MSDS Date: 06/03/1988

MSDS Num: BJTZX

Submitter: F BT

LIIN: 00F014347

Tech Review: 02/22/1991

Status CD: C

Product ID: 14549 CITRIC ACID

MFN: 01

Article: N

Kit Part: N

Responsible Party

Cage: 4T252

Name: HACH COMPANY

Address: N/K

Box: 907

City: AMES

State: IA

Zip: 50010

Country: NK

Info Phone Number: (800) 227-4224

Emergency Phone Number: (800) 227-4224

Preparer's Name: N/P

Proprietary Ind: N

Review Ind: Y

Published: Y

Special Project CD: N

===== Preparer
Co. when other than Responsible Party Co.
=====

[TOP](#)

Cage: 4T252

Assigned Ind: N

Name: HACH COMPANY

Address: 100 DAYTON RD.

Box: 907

City: AMES

State: IA

Zip: 50010

===== Contractor
Summary
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[TOP](#)

Cage:4T252

Name:HACH COMPANY

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

Zip:50010

Country:US

Phone:800-227-4224

===== Ingredients
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Cas: 77-92-9

Code: M

RTECS #: GE7350000

Code: M

Name: CITRIC ACID

% Text: 100%

Environmental Wt:

Other REC Limits: N/K

OSHA PEL: N/K

Code: M

OSHA
STEL:

Code:

ACGIH TLV: N/K

Code: M

N/P

Code:

EPA Rpt Qty:

ACGIH
STEL:
DOT Rpt
Qty:

Ozone Depleting Chemical: N

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Health
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Hazards Data
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LD50 LC50 Mixture ORAL RAT LD50 = 11.7 G/KG

Route Of Entry Inds – Inhalation: YES Skin: YES Ingestion: NO
Carcinogenicity Inds – NTP: NO IARC: NO OSHA: NO

Health Hazards Acute And Chronic

INHALATION: RESPIRATORY TRACT IRRITATION. SKIN/EYES: IRRITATION

Explanation Of Carcinogenicity

NONE

Signs And Symptoms Of Overexposure

INHALATION: RESPIRATORY TRACT IRRITATION. SKIN/EYES: IRRITATION.

Medical Cond Aggravated By Exposure

N/K

First Aid

EYE/SKIN: FLUSH W/WATER FOR 15 MINUTES. INGESTION: GIVE LARGE QUANTITIES OF WATER OR MILK.
INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures

COVER CONTAMINATED SURFACES W/SODA ASH OR SODIUM BICARBONATE. USE LITMUS PAPER TO
MAKE SURE PH OF SLURRY IS NEUTRAL OR ADD NEUTRALIZER UNTIL MIXTURE STOPS BUBBLING. SCOOP
UP THE SLURRY/WASH THE NEUTRAL WASTE DOWN THE DRAIN W/EXCESS WATER.

Neutralizing Agent

N/K

Waste Disposal Methods

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions

WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT W/EYES, SKIN & CLOTHING. DON'T BREATHE
CHEMICALS. STORE TIGHTLY CLOSED IN A COOL, DRY PLACE.

Other Precautions

N/K

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Fire and
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Explosion Hazard Information
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Flash Point Method: N/P

Flash Point:

Flash Point Text: N/R

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: N/R

Upper Limits: N/R

Extinguishing Media

WATER, CO2, OR DRY CHEMICAL

Fire Fighting Procedures

N/K

Unusual Fire/Explosion Hazard

COMBUSTIBLE

Measures Control TOP

Respiratory Protection

N/K

Ventilation

ADEQUATE VENTILATION

Protective Gloves

DISPOSABLE

Eye Protection

SAFETY GLASSES

Other Protective Equipment

N/K

Work Hygienic Practices

WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

N/K

Physical/Chemical Properties TOP

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: N/R

Melt/Freeze Pt:

M.P/F.P Text: 307.4F

Decomp Temp:

Decomp Text: N/K

Vapor Pres: N/R

Vapor Density: N/R

Volatile Org Content %:

Spec Gravity: 1.54

VOC Pounds/Gallon:

PH: 2.2

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: N/R

Solubility in Water: 60%

Appearance and Odor: COLORLESS CRYSTALS, SOLID, NO ODOR.

Percent Volatiles by Volume: N/K

Corrosion Rate: N/K

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Data Reactivity TOP
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Stability Indicator: YES

Stability Condition To Avoid: EXPOSURE TO MOISTURE

Materials To Avoid: OXIDIZERS

Hazardous Decomposition Products: N/K

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization N/K

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Toxicological Information TOP
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Toxicological Information:N/P

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Information Ecological TOP
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Ecological: N/P

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Transport Information MSDS TOP
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Transport Information:N/P

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Information Regulatory TOP
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Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

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Information Other TOP
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Other Information: N/P

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