

VAN WATERS AND ROGERS -- CITRIC ACID MONOHYDRATE -- 6810-00-281-2014

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Product Identification
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Product ID:CITRIC ACID MONOHYDRATE

MSDS Date:03/01/1994

FSC:6810

NIIN:00-281-2014

MSDS Number: BTQYP

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS

Address:1600 NORTON BLDG

City:SEATTLE

State:WA

ZIP:98104

Country:US

Info Phone Num:408-435-8700

Emergency Phone Num:408-435-8700,800-4

24-9300(CHEMTREC)

Preparer's Name:C.A. EISENHARD

CAGE:87664

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:VAN WATERS AND ROGERS INC., UNIVAR CORP.

Address:1600 NORTON BLDG. 801 2ND AVENUE

Box:City:SEATTLE

State:WA

ZIP:98104-1564

Country:US

Phone:206-447-5911/800-424-9300(CHEMTREC)

CAGE:87664

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Composition/Information on Ingr

edients =====

Ingred Name:CITRIC ACID, ANHYDROUS
CAS:77-92-9
RTECS #:GE7350000
Fraction by Wt: >99%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: BREATHING DUSTS MAY IRRITATE
NOSE AND THROAT AND CAUSE COUGHING AND CHEST DISCOMFORT. SKIN
CONTACT: NO IRRITATION IS LIKELY AFT
ER BRIEF CONTACT BUT MAY BE
IRRITATING AFTER PROLONGED CONTACT. IN GESTION: NONE CURRENTLY
KNOWN. CHRONIC:PROLONGED EXPOSURE MAY DAMAGE TOOTH ENAMEL.
Explanation of Carcinogenicity:NONE.
Effects of Overexposure:IRRITATION OF NOSE AND THROAT, COUGHING, CHEST
DISCOMFORT. SKIN IRRITATION. TOOTH ENAMEL DAMAGE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS
OF WATER. GET MEDICAL
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP
AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. GET
MEDICAL ATTENTION. INGESTION: TREATMENT NOT NORMALLY REQUIRED.

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

Flash Point:NONE
Extinguishing Media:THIS MATERIAL IS NOT COMBUSTIBLE. USE EXTINGUISHING
MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire
Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:TAKE UP AND PLACE IN DOT APPROVED WASTE
CONTAINERS. FOR LARGE SPILLS SHOVEL INTO DOT APPROVED RECEPTACLES.
KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS AND SOIL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED AREA FROM INCOMPATIBLE MATERIALS. KEEP BAGS OR FIBER CONTAINERS DRY AT ALL TIMES. AVOID MECHANICAL DAMAGE.

Other Precautions:PRODUCT IS INTENDED FOR USE IN FOOD, ANIMAL FEED, DRUGS, COSMETIC MANUFACTURE AND HAS BEEN PRODUCED AND PACKAGED IN ACCORDANCE WITH STRICK QUALITY PRACTICES. MAINTAIN QUALITY BY STORING PRODUCT AWAY F ROM CHEMICALS, AVOIDING CONTAMINATION.

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Exposure Controls/Personal Protection
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Respiratory Protection:RESPIRATOR IS NORMALLY NOT REQUIRED IF THIS PRODUCT IS USED WITH ADEQUATE VENTILATION.

Ventilation:USE LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MINIMIZING DUST EMISSIONS AT THE POINT OF USE.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:PROVIDE AN EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE.

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Physical/Chemical Properties
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HCC:N1

Melt/Freeze Pt:M.P/F.P Text:300F,149C

Spec Gravity:1.665

Evaporation Rate & Reference:NIL.

Solubility in Water:50%

Appearance and Odor:WHITE CRYSTALS. ODORLESS.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
STRONG ALKALIES

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS.

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