

JUNGBUNZLAUER INC -- CITRIC ACID USP/FCC GRANULES -- 6810-01-164-3975

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Product Identification  
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Product ID:CITRIC ACID USP/FCC GRANULES

MSDS Date:11/10/1992

FSC:6810

NIIN:01-164-3975

MSDS Number: BQVPQ

=== Responsible Party ===

Company Name:JUNGBUNZLAUER INC

Address:75 WELLS AVE

City:NEWTON CENTRE

State:MA

ZIP:02159-3214

Country:US

Info Phone Num:617-969-0901

Emergency Phone Num:617-969-0901, CHEMTREC 800-424-9300

CAGE:JUNGB

=== Contractor Identification ===

Company Name:JUNGBUNZLAUER INC

Address:75 WELLS AVE

Box:City:NEWTON CENTRE

State:MA

ZIP:02159-3214

Country:US

Phone:617-969-0901

CAGE:JUNGB

Company Name:LAGUNA CLAY CO

Address:14400 LOMITAS AVE

Box:City:LA PUENTE

State:CA

ZIP:91746

Country:US

Phone:818-330-0631

CAGE:40894

Company Name:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST

Box:1987

City:SOUTH GATE

State:CA

ZIP:90280

Country:US

Phone:213-562-9500

CAGE:75656

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

Ingred Name:CITRIC ACID.  
CAS:77-92-9  
RTECS #:GE7350000  
Fraction by Wt: 100%  
OSHA PEL:15 MG/M3 TOTAL DUST  
ACGIH TLV:10 MG/M3 TOTAL DUST

==== 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:MAY CAUSE IRRITATION TO THE EYES AND  
SKIN. INHALATION MAY CAUSE PULMONARY TRACT IRRITATION. INGESTION  
MAY CAUSE ABDOMINAL PAIN.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES:IRRITATION, REDNESS AND TEARING.  
SKIN:SLIGHT IRRITATION, SWELLING AND PAIN. INGESTION:NAUSEA,  
VOMITING.  
Medical Cond Aggravated by Exposure:NONE DETERMINED

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

First Aid:INHALATION:REMOVE TO FRESH AIR. EYE CONTACT:FLUSH WITH WATER  
FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH WITH SOAP AND  
WATER.  
INGESTION:DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP  
IMMEDIATELY.

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

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA)  
AND FULL TURNOUT GEAR.  
Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:CLEAN BY VACUUM INTO DISPOSAL CONTAINER.  
Neutralizing Agent:SODA ASH OR SODIUM BICARBONATE.

==== Hand

ling and Storage =====

Handling and Storage Precautions:STORAGE-STORE IN A DRY AREA AWAY FROM OXIDIZERS.

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

Respiratory Protection:DUST MASK IF CREATING DUST.

Ventilation:GENERAL VENTILATION.

Protective Gloves:RUBBER OR VINYL IF GROSS CONTACT LIKELY.

Eye Protection:GOGGLES

Other Protective Equipment:EYEWASH

Work Hygienic Practices:DO NOT CREAT DUST. WEAR GLOVES IF HANDLING SOLUTION.

Supplemental Safety  
and Health

SOLUTION IS ACIDIC (PH 0.14 OF 2.2% SOLUTION), HANDLE AS CORROSIVE.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:307F,153C

pH:2.2SOL

Solubility in Water:59.2%

Appearance and Odor:COLORLESS TRANSLUCENT CRYSTALS, ODORLESS. PH OF 1% SOLUTION IS 2.2.

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

Stability Indicator/Materials to Avoid:YES

METALLIC NITRATES, STRONG OXIDIZERS.

Hazardous Decomposition Pro

ducts:ACID FUMES, OXIDES OF CARBON.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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