

J T BAKER INC -- CITRIC ACID ANHYDROUS, 0122 -- 6810-00-300-6197

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

Product ID:CITRIC ACID ANHYDROUS, 0122

MSDS Date:05/01/1989

FSC:6810

NIIN:00-300-6197

MSDS Number: BSVYR

=== Responsible Party ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:201-839-2151

Emergency Phone Num:800-424-8802;80

0-424-9300(CHEMTREC)

CAGE:DO803

=== Contractor Identification ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:1-800-582-2537

CAGE:DO803

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

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

Ingred Name:CITRIC ACID; (CITRIC ACID, ANHYDROUS)

CAS:77-92-9

RTECS #:GE7350000

Fraction by Wt: 99-100%

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

LD50 LC50 Mixture:LD50 (ORAL,RAT): 6730 MG/KG.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION: IRRITATION OF NOSE
AND THROAT, HEADACHE, COUGHING, DIZZINESS, DIFFICULT BREATHING,
SEVERE IRRITATION OR BURNS OF MUCOUS MEMBRANES. SKIN: IRRITATION.
EYE: IRRITATION. SKIN ABSORPTION : N
ONE IDENTIFIED. INGESTION: NONE
IDENTIFIED. CHRONIC: NONE IDENTIFIED.
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:INGESTION: IF PERSON IS CONSCIOUS, IMMEDIATELY GIVE LARGE
AMOUNTS OF WATER. GET MEDICAL ATTENTION. INHALATION: IF PERSON
BREATHES IN LARGE AMOUNTS, MOVE EXPOSED PERSON TO FRESH AIR. SKIN:
IMM
EDIATELY WASH WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15
MINUTES. EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST
15 MINUTES.

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

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. CAREFULLY
SWEEP UP AND REMOVE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.
SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA.
Other Precautions:MAY CAUSE IRRITATION. DURING USE AVOID CONTACT WITH
EYES, SKIN, CLOTHING. WASH THOROUGHLY AFTER HANDLING.

=====
===== Exposure Control

s/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN
APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR OR DUST MASK.
Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP
FUME OR DUST LEVELS AS LOW AS POSSIBLE.
Protective Gloves:NITRILE GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

Melt/Freeze Pt:M.P/F.P Text:307F,153C
Spec Gravity:1.54 (H*2O=1)
Solubility in Water:APPRECIABLE (>10%)
Appearance and Odor:COLORLESS POWDER, ODORLESS.
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
STRONG BASES.
Stability Condition to Avoid:NONE IDENTIFIED.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE
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 professional advice to verify and assume responsibility for the suitability of this information to their particular situation.