

J T BAKER INC -- ZINC ACETATE, DIHYDRATE, 4296 -- 6810-00-300-6140

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

Product ID:ZINC ACETATE, DIHYDRATE, 4296

MSDS Date:03/09/1992

FSC:6810

NIIN:00-300-6140

MSDS Number: BVMZV

=== Responsible Party ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:908-859-2151

Emergency Phone Num:908-859-2141;

800-424-9300(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:ZINC ACETATE, DIHYDRATE

CAS:5970-45-6

RTECS #:ZG8750000

Fraction

by Wt: 90-100%  
OSHA PEL:N/K  
ACGIH TLV:N/K

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

LD50 LC50 Mixture:LD50: (ORAL, RAT) 2460 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:INHALATION: IRRITATION OF UPPER  
RESPIRATORY TRACT, TIGHTNESS & PAIN IN CHEST, COUGHING. SKIN:  
SEVERE IRRITATION OR BURNS. EYES: SEVERE IRRITATION OR BURNS.  
INGESTION: NAUSEA, VOMITING  
, GASTROINTESTINAL IRRITATION, BURNS TO  
MOUTH AND THROAT. CHRONIC: NONE IDENTIFIED. TARGET ORGANS: EYES,  
SKIN, MUCOUS MEMBRANES.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:INGESTION: CALL MD. IF CONSCIOUS, GIVE LARGE AMOUNTS OF  
WATER. INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. IF NOT  
BREATHING, G  
IVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,  
GIVE OXYGEN. SKIN: FLUSH SKIN WITH WATER. EYES: IMMEDIATELY FLUSH  
WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

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

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

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

Spill Release Procedures:WEAR NIOSH/MSHA APPROVED SELF-CONTAINED  
BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. WITH CLEAN  
SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND  
COVER; REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER.  
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:CAUSES IRRITATION. MAY BE HARMFUL IF SWALLOWED. AVOID CONTACT WITH EYES, SKIN, CLOTHING. DO NOT BREATHE DUST. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE A NIOSH/MSHA APPROVED APPROPRIATE RESPIRATOR OR DUST MASK.

Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPROVED SAFETY GOGGLES .

Other Protective Equipment:EYE WASH & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA . UNIFORM.

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:459F,237C

Vapo

r Density:6.3

Spec Gravity:1.74 (H\*2O=1)

Solubility in Water:APPRECIABLE (>10%)

Appearance and Odor:WHITE CRYSTALS. FAINT ACETIC ACID ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
ALKALIES, STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:OXIDES OF ZINC, 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.