

J T BAKER INC -- 1,10 PHENANTHROLINE, MONOHYDRATE, T170 -- 6810-00-300-6119

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

Product ID:1,10 PHENANTHROLINE, MONOHYDRATE, T170

MSDS Date:05/01/1989

FSC:6810

NIIN:00-300-6119

MSDS Number: BVFKY

=== Responsible Party ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:800-582-2537

Emergency Phone

Num:908-859-2151;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:1,10 PHENANTHROLINE, MONOHYDRATE (MFR RTEC #SF8

300000)  
CAS:5144-89-8  
RTECS #:SF8437000  
Fraction by Wt: 90-100%  
OSHA PEL:N/K  
ACGIH TLV:N/K

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

LD50 LC50 Mixture:LD50:(ORAL,RAT) 132 MG/KG.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:SKIN/EYE CONTACT:IRRITATION.  
INGEST:MAY BE HARMFUL. CHRONIC:NONE IDENTIFIED.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Condition Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:INGEST:CALL MD. IF SWALLOWED, IF CONSCIOUS, IMMEDIATELY  
INDUCE VOMITING. INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE  
ARTF RESP. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SKIN:FLUSH  
W/WATER. EYES:IMMEDIATELY FLUSH W/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 & FULL PROTECTIVE  
EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

Spill Release Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROT CLTHG.  
WITH CLEAN SHOVEL, CAREFULLY PLACE MATL INTO CLEAN, DRY CONTAINER &  
COVER; REMOVE FROM AREA. FLUSH SPILL



Products:OXIDES OF NITROGEN, CARBON MONOXIDE,  
CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE &  
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 informatio  
n 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.