

J.T.BAKER INC. -- 2,2-BIPYRIDINE -- 6810-00-201-8281

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

Product ID:2,2-BIPYRIDINE

MSDS Date:03/28/1989

FSC:6810

NIIN:00-201-8281

MSDS Number: BHCMT

=== Responsible Party ===

Company Name:J.T.BAKER INC.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Info Phone Num:201-859-2151

Emergency Phone Num:201-859-2151

CAGE:HO852

=== Contractor Identification

===

Company Name:J.T.BAKER INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08885

Phone:201-859-2151

CAGE:HO852

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:2,2-BIPYRIDINE

CAS:366-18-7

RTECS #:DW1750000

Fraction by Wt: 90-100%

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

==

LD50 LC50 Mixture:L550(ORAL-RAT) 100MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TOXIC. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION.

Effects of Overexposure:INHALATION OF DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. CONTACT WITH SKIN OR EYES MAY CAUSE IRRITATION.

Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

=====

== First Aid Measures =====

First Aid:CALL A PHYSICIAN. IF SWALLOWED, IF CONSCIOUS, IMMEDIATELY INDUCE VOMITING IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN IN CASES OF CONTACT, IMMEDIATELY FOR AT LEAST 15MINUTES. FLUSH SKIN WITH WATER.

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

Extinguishing Media:USE WATER SPRAY, ALCOHOL FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:FIREFIGHTER SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SCBA WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:TOXIC GASES PRODUCED:NITROGEN OXIDES, HYDROGEN CYANIDE, CARBON MONOXIDE, CARBON DIOXIDE.

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

Spill Release Procedures:WEAR SCBA AND FULL PROTECTIVE CLOTHING WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA. STORE BELOW 60C IN LIGHT-RESISTANT CONTAINERS.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN APPROPRIATE RESPIRATOR OR DUST MASK

Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST DENTILATION T

O KEEP

FUME OR DUST LEVELS AS LOW AS POSSIBLE

Protective Gloves:PROPER GLOVES

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:UNIFORM IS RECOMMENDED

Work Hygienic Practices:WASH THOROUGHLY AFTER EATING, SMOKING, OR USING  
SANITARY FACILITIES.

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:522F

Melt/Freeze Pt:M.P/F.P Text:158F

Solubility in Water:SLIGHT(0.1-1.0%)

Appearance and Odor:WHITE TO OFF WHI

TE CRYSTALS OR POWDER

CHARACTERISTIC ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, MOST COMMON METALS.

Stability Condition to Avoid:HEAT, LIGHT

Hazardous Decomposition Products:CYANIDES, OXIDES OF NITROGEN, 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.