

## **2,2-BIPYRIDINE**

### **MSDS Number**

BHCMT

### **National Stock Number**

6810-00-201-8281

### **Product Name**

2,2-BIPYRIDINE

### **Manufacturer**

J T BAKER INC

### **Product Identification**

Product ID:2,2-BIPYRIDINE

MSDS Date:03/28/1989

FSC:6810

NIIN:00-201-8281

MSDS Number: BHCMT

### **Responsible Party**

J.T.BAKER INC.

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865

Emergency Phone: 201-859-2151

Info Phone: 201-859-2151

Cage: HO852

### **Contractor**

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

### **Ingredients**

2,2-BIPYRIDINE

CAS: 366-18-7

RTECS: DW1750000

Fraction By Weight: 90-100%

### **Hazards**

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**

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

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

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

## Handling

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

## Exposure Controls

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 TO 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

## 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 WHITE CRYSTALS OR POWDER CHARACTERISTIC ODOR.

Percent Volatiles by Volume:0

## Stability

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

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