

## **HEXAMETHYLENETETRAMINE ; CAT.NO.1878**

### **MSDS Number**

BBFDZ

### **National Stock Number**

6810-00D001392

### **Product Name**

HEXAMETHYLENETETRAMINE ; CAT.NO.1878

### **Manufacturer**

HACH CO

### **Product Identification**

Product ID:HEXAMETHYLENETETRAMINE ; CAT.NO.1878

MSDS Date:11/08/1985

FSC:6810

NIIN:00D001392

MSDS Number: BBFDZ

### **Responsible Party**

HACH CO.

100 DAYTON RD

AMES , IA 50010

US

Emergency Phone: 515-232-2533

Info Phone: 303-669-3050

Cage: 91224

### **Contractor**

HACH CO

389

LOVELAND, CO 80539

US

970-669-3050/ 303-623-5716

Cage: 91224

### **Ingredients**

1,3,5,7 TETRAAZOTRICYCLO (3,3,1,1,3,7) DECANE

CAS: 100-97-0

RTECS: MN4725000

Fraction By Weight: >95%

OSHA PELNONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

### **IMPURITIES**

Fraction By Weight:

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:IRRITATING TO EYES,SKIN, RESPIRATORY TRACT, G/I TRACT. SENSITIZING TO SKIN.  
Explanation of Carcinogenicity:COMPOUND IS NOT LISTED AS CARCINOGENIC, BUT MFR REPORTS EXPERIMENTAL NEOPLASM FORMATION  
Effects of Overexposure:G/I IRRITATION, KIDNEY DAMAGE, SKIN SENSITIZATION  
Medical Cond Aggravated by Exposure:NONE

## First Aid

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN. GIVE LARGE AMOUNTS OF MILK OR WATER

## Fire Fighting

Flash Point Method:OC  
Flash Point:482F/250C  
Extinguishing Media:CO\*2, FOAM, DRY CHEM & H\*2O FOG.  
Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS  
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES WHEN EXPOSED TO HEAT, FLAME, OR OXIDIZERS

## Accidental Release

Spill Release Procedures:PICK UP AND DISOLVE IN OR MIX WITH COMBUSTABLE SOLVENT.

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED. MAINTAIN STRICT HYGIENE FOR CHEM HANDLING.  
Other Precautions:STORE AWAY FROM ACIDS AND OXIDIZERS

## Exposure Controls

Respiratory Protection:IF EXPOSD TLV,NIOSH/MESA APPR SELF-CNTND BRTHG APP (POS PR MODE)  
Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:PVC/RUBBER  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:SAFETY SHOWER & EYE BATH  
Work Hygienic Practices:USE VERY STRICT CHEMICAL HYGIENE PRACTICES  
Supplemental Safety and Health

## Chemical Properties

HCC:F8  
Boiling Pt:B.P. Text:SUBLIMES  
Melt/Freeze Pt:M.P/F.P Text:505F/263C D  
Spec Gravity:1.270  
Appearance and Odor:WHITE GRANULAR POWDER,NO ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
OXIDIZERS, ACIDS,  
Stability Condition to Avoid:HEAT, OPEN FLAMES  
Hazardous Decomposition Products:FORMALDEHYDE, AMMONIA, CARBON MONOXIDE, NITROGEN OXIDES

## Disposal

Waste Disposal Methods:INCINERATE IN APPROVED INCINERATOR OR DISPOSE OF IN APPROVED CHEMICAL DUMP IN ACCORDANCE WITH LOCAL,STATE & FEDERAL REGULATIONS.

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