

## **A COMPONENT OF 418.1 CALIBRATION MIX, 540-84-1**

### **MSDS Number**

BZQPY

### **National Stock Number**

6630-00N069532

### **Product Name**

A COMPONENT OF 418.1 CALIBRATION MIX, 540-84-1

### **Manufacturer**

RESTEK CORP

### **Product Identification**

Product ID:A COMPONENT OF 418.1 CALIBRATION MIX, 540-84-1

MSDS Date:01/07/1994

FSC:6630

NIIN:00N069532

MSDS Number: BZQPY

### **Responsible Party**

RESTEK CORP

110 BENNER CIRCLE

BELLEFONTE , PA 16823-8812

US

Emergency Phone: 814-353-1300

Info Phone: 814-353-1300

Cage: 0JL17

### **Contractor**

RESTEK CORP

BELLEFONTE, PA 16823-8812

US

814-353-1300

Cage: 0JL17

### **Ingredients**

PENTANE, 2,2,4-TRIMETHYL-; (ISOOCTANE) (CERCLA)

CAS: 540-81-1

RTECS: SA3320000

Fraction By Weight: 37.5%

OSHA PEL350 MG/M3(MFR)

ACGIH TLV: N/K

### **Hazards**

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE: IRRITANT, CNS DEPRESSION, REAPIRATORY ARREST, DEATH. CHRONIC: DERMATITIS, CONJUNCTIVITIS.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:DIZZINESS, NAUSEA, LACK OF COORDINATION, NARCOSIS.

Medical Cond Aggravated by Exposure:DERMATITIS, DISEASES OF EYES,

LIVER, KIDNEYS, LUNGS.

## First Aid

First Aid:EYE: REMOVE CONT LENSES IF PRESENT. HOLD EYELIDS OPEN & IRRIGATE W/LGE VOL OF WATER FOR AT LEAST 15 MINS. SEEK MD TREATMENT. SKIN: IMMED WASH W/SOAP & WATER. CONTINUE RINSING W/LGE VOL OF WATER FOR 15 MIN. SEEK MD TREATMENT. INHAL:REMOVE TO FRESH AIR. HAVE TRAINED PERS ADMIN O\*2 & CPR IF NEEDED. CONT MD IMMED. INGEST: CONT POIS CTRL CTR FOR ASSIST. CONT MD IMMED. NEVER GIVE ANYTHING TO A(SUPDAT)

## Fire Fighting

Flash Point Method:CC  
Flash Point:10F,-12C  
Lower Limits:1.1%  
Upper Limits:10%  
Extinguishing Media:DRY CHEMICAL, CO\*2, HALON, ALCOHOL OR POLYMER FOAM.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROTECTIVE EQUIPMENT. HEAT MAY BUILD PRESSURE AND RUPTURE CLSD STOR CNTNRS. KEEP FIRE-EXPOSED CNTNRS COOL W/WATER SPRAY.  
Unusual Fire/Explosion Hazard:MAY FORM EXPLOSIVE VAPOR/AIR MIXTURES.

## Accidental Release

Spill Release Procedures:WEAR PERSONAL PROTECTIVE EQUIPMENT. ABSORB SMALL SPILLS ON PAPER, VERMICULITE OR OTHER ABSORB. COLLECT AND STORE IN CLOSED CONTAINER FOR DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP IN TIGHTLY CLSD CNTNR AT ALL TIMES. STORE IN COOL, DRY PLACE. STORE IN EXPLOS PROOF FREEZER AT -18C(0F).  
Other Precautions:AVOID ALL CONTACT & INHALATION. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. PROTECT FROM TEMPERATURE EXTREMES AND DIRECT SUNLIGHT. HANDLE W/UTMOST CARE.

## Exposure Controls

Respiratory Protection:FOLLOW NIOSH/MSHA AND EQUIPMENT MFR'S RECOMMENDATIONS TO DETERMINE APPROPRIATE RESPIRATOR.  
Ventilation:USE IN AN AREA PROVIDED WITH GENERAL AND LOCAL EXHAUST VENTILATION MEETING OSHA REQUIREMENTS.  
Protective Gloves:SOLVENT RESISTANT GLOVES.  
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS.  
Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA. PROT CLTHG MEETING LAB SAFETY REQUIREMENTS.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
FIRST AID PROC: VICTIM THAT IS UNCONSCIOUS OR HAVING CONVULSIONS.

## Chemical Properties

Boiling Pt:B.P. Text:211F,99C  
Vapor Pres:41 @ 21C  
Spec Gravity:0.692  
Solubility in Water:SLIGHT  
Appearance and Odor:CLEAR LIQUID W/GASOLINE ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
OXIDIZERS, REDUCING AGENTS, REACTIVE METALS.  
Stability Condition to Avoid:HEAT, CONTACT WITH IGNITION SOURCE.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

## Disposal

Waste Disposal Methods:INCINERATE AT AN APPROVED FACILITY IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

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