

## **2,4,4-TRIMETHYL-1-PENTENE**

### **MSDS Number**

CFMWP

### **National Stock Number**

6810-01-446-9920

### **Product Name**

2,4,4-TRIMETHYL-1-PENTENE

### **Manufacturer**

MALLINKRODT BAKER (FORMALLY J T BAKER COMPANY)

### **Product Identification**

Product ID:2,4,4-TRIMETHYL-1-PENTENE

MSDS Date:12/08/1996

FSC:6810

NIIN:01-446-9920

MSDS Number: CFMWP

### **Responsible Party**

MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

Emergency Phone: 800-582-2537 EXT 6501

Info Phone: 800-582-2537 EXT 6501

Cage: EO303

### **Contractor**

MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)

NONE

PHILLIPSBURG, NJ 08865-2219

US

800-582-2537 EXT 6501/908-859-2151

Cage: EO303

### **Ingredients**

DIISOBUTYLENE MFR GIVES CAS # AS 107-39-1

Fraction By Weight: 90-100%

### **Hazards**

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards Acute and Chronic:INHALATION MAY CAUSE NAUSEA, HEADACHE, VOMITING, DIZZINESS, DROWSINESS, IRRITATION OF UPPER RESPIRATORY TRACT, UNCONSCIOUSNESS. INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, GAS EMBOLISM. SKI N CONTACT MAY CAUSE IRRITATION. PROLONGED CONTACT MAY CAUSE DERMATITIS. EYE CONTACT CAUSES IRRITATION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:HEADACHE, NAUSEA, VOMITING, DIZZINESS, DROWSINESS, UPPER RESPIRATORY TRACT IRRITATION, UNCONSCIOUSNESS,

CNS DEPRESSION, GAS EMBOLISM, SKIN IRRITATION, DERMATITIS, EYE IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

## Fire Fighting

Flash Point Method:CC

Flash Point:23.0F,-5.0C

Autoignition Temp:Autoignition Temp Text:736F

Lower Limits:0.90 %

Upper Limits:NOT GIVEN

Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:VAPORS MAY FLOW ALONG SURFACES TO DISTANT IGNITION SOURCES AND FLASH BACK. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE.

## Accidental Release

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. SHUT OFF IGNITION SOURCES; NO FLARES, SMOKING OR FLAMES IN AREA. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE IN CONTAINER. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY SINCE THEY RETAIN PRODUCT RESIDUES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

## Chemical Properties

HCC:F3

Boiling Pt:B.P. Text:214F,101C

Melt/Freeze Pt:M.P/F.P Text:-137F,-94C

Vapor Pres:NOT GIVEN

Vapor Density:4.0

Spec Gravity:0.72

Viscosity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water: NEGLIGIBLE  
Appearance and Odor: CLEAR, COLORLESS LIQUID, NO ODOR REPORTED  
Percent Volatiles by Volume: 100%

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid: STABLE UNDER ORDINARY CONDITIONS OF USE  
AND STORAGE.  
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

## Disposal

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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