

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-251/25155-23-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
25155-23-1  
**Code:**  
M

**RTECS:**  
ZE8320000  
**Code:**  
M

**Name:**  
TRIXYLENYL PHOSPHATE

**Other REC Limits:**  
LD50=4640 MG/KG

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
USE NIOSH/MSH APPROVED RESPIRATORS FOR ORGANIC VAPORS/MIST IF > TLV.

**Ventilation:**  
LOCAL EXHAUST TO MAINTN BELOW TLV.

**Protective Gloves:**  
NEOPRENE

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
MSDS DATED:APRIL 7,1986;SHIPPING NAME (DOT)PER MFR;THIS IS FORMULATION CHANGE FOR PART INDICATOR B,PENETRANT#1032 OF THREE PARTS KIT;FLASH POINT LIQUID=215F PMCC (AEROSOL)< 20F/VAPOR PRES 2586

## Health Hazards Data

**LD50LC50Mixture:**  
UNKNOWN

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
WARNING-CONTENTS UNDER PRESSURE (AEROSOL). ACUTE-EYE:IRRITATION, BLURRED VISIONS. SKIN:IRRITATION AND DEFATTING. INHALATION:RESPIRATORY TRACT IRRITATION, DIZZINESS, AND UNCONSCIOUSNESS. INGESTION:GI T RACT IRRITATION. CHRONIC-DERMATITIS.

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptoms Of Overexposure:**  
INHAL:HEADACHE,DIZZINESS,NAUSEA;INGEST: NAUSEA;EYES:SEVERE IRRITATION;SKIN:DEFATTING,DRYING,STAINING.

**Medical Cond Aggravated By Exposure:**  
UNKNOWN 3

**First Aid:**  
INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF NEEDED; EYES/SKIN:FLUSH WITH LARGE AMTS WATER FOR 15 MIN; INGEST:RINSE MOUTH, DRINK 1-2 GLASSES OF WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. SE EK MEDICAL HELP FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

**Spill Release Procedures:**  
USE PROPER PERSONAL PROTECTION:REMOVE ALL IGNITION SOURCES AND VENTILATE THE AREA;USE SUITABLE ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL.DO NOT PUNCTURE OR INCINERATE.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN COOL (BELOW 120F) DRY AND WELL VENTILATED AREA;KEEP AWAY FROMHEAT,SPARKS AND OPEN FLAMES.KEEP CONTAINERS CLOSED WHEN NOT IN USE.

**Other Precautions:**  
AVOID CONTACT WITH SKIN & EYES; DO NOT BREATHE VAPORS; EXCESSIVE BREATHING OF VAPORS CAN BE HARMFUL OR FATAL. WASH THOROUGHLY AFTER EACH USE.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
PMCC

**Flash Point:**

**Flash Point Text:**  
<20F,<-7C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
1.9

**Upper Limits:**  
8.5

**Extinguishing Media:**  
CO\*2,FOAM,DRY POWDER,WATER FOG.

**Fire Fighting Procedures:**  
4 USE NIOSH/MSHA APPROVED SCBA IN CONFINED AREA.

**Unusual Fire/Explosion Hazard:**  
TREAT AS CYLINDERS OF COMPRESSED GAS.

## Physical/Chemical Properties

**HCC:**  
V3

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>400F,>204C 5

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/R

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
AEROSOL

**Vapor Density:**  
>1.0

**Volatile Org Content %:**

**Spec Gravity:**  
1.008

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
0.02 (BUT ACET=1)

**Solubility in Water:**  
NEGILIGIBLE

**Appearance and Odor:**  
FLUORESCENT LIQUID/KEROSENE TYPE ODOR.

**Percent Volatiles by Volume:**  
>80

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXTREME HEAT,OPEN FLAMES,SPARKS,ETC.

**Materials To Avoid:**  
WET ALKALINE OR ACIDIC CONDITIONS.

**Hazardous Decomposition Products:**  
CO ,POSSIBLE PHOSPHOROUS OXIDES

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE NOTED

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P