

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-193/1939-36-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
1939-36-2

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
1,3-PROPYLENEDIAMINETETRAACETIC ACID

**Other REC Limits:**

N/K

**OSHA PEL:**  
N/K

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

N/K

**Code:**  
M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

### Respiratory Protection:

NOT NORMALLY REQUIRED.

### Ventilation:

GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT (MECHANICAL)

### Protective Gloves:

IMPERVIOUS FOR PROLONGED/REPEATED HANDLG

### Eye Protection:

SAFETY GLASSES

### Other Protective Equipment:

Equipment NONE SPECIFIED BY MFR.

### Work Hygienic Practices:

USE GOOD CHEMICAL HYGIENE PRACTICES.

### Supplemental Safety and Health:

THIS IS PART-B OF A TWO-PART KIT. THIS PART B HAS A KODAK SOLUTION NO: 5459. THIS CAT #106 3130 HAS REPLACED CAT #123 7759, WHICH HAS BEEN DISCONTINUED. CAT#123-7759 ARE SHOWN AS P/N IND: A & B UNDER THIS NSN. KEY1:C1

## Health Hazards Data

### LD50/LC50 Mixture:

UNKNOWN

### Route Of Entry Inds - Inhalation:

NO

### Skin:

NO

### Ingestion:

NO

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

LOW HAZARD FOR RECOMMENDED HANDLING.

### Explanation Of Carcinogenicity:

4 N/R

### Signs And Symptoms Of Overexposure:

EYES: IRRITATION. SKIN/INHALATION:LOW HAZARD FOR RECOMMENDED HANDLING.

### Medical Cond Aggravated By Exposure:

NONE REPORTED BY MANUFACTURER.

### First Aid:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER & GET MEDICAL ATTENTION IF ANY SYMPTOMS ARE PRESENT AFTER WASHING.

### Spill Release Procedures:

FLUSH MATERIAL TO SEWER WITH LARGE AMOUNTS OF WATER.

### Neutralizing Agent:

SODIUM BICARBONATE

### Waste Disposal Methods:

DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS. MFR SUGGESTS FLUSH TO DRAIN.

### Handling And Storage Precautions:

KEEP CONTAINER TIGHTLY CLOSED AND AWAY FROM STRONG ALKALI.

### Other Precautions:

NONE

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

#### Flash Point Text:

NONE

#### Autoignition Temp:

#### Autoignition Temp Text:

NONE

#### Lower Limits:

NONE

#### Upper Limits:

NONE 5

#### Extinguishing Media:

USE AGENT APPROPRIATE FOR SURROUNDING FIRE.

#### Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

#### Unusual Fire/Explosion Hazard:

FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

## Physical/Chemical Properties

### HCC:

C1

### NRC/State LIC No:

N/R

### Net Prop WT For Ammo:

N/R

### Boiling Point:

#### B.P. Text:

212F, 100C

### Melt/Freeze Pt:

#### M.P/F.P Text:

N/K

### Decomp Temp:

#### Decomp Text:

N/A

### Vapor Pres:

18 MM

### Vapor Density:

0.6

### Volatile Org Content %:

N/R

### Spec Gravity:

1.17

### VOC Pounds/Gallon:

N/R

### pH:

2.5

### VOC Grams/Liter:

N/R

### Viscosity:

N/P

### Evaporation Rate & Reference:

N/K

### Solubility in Water:

COMPLETE

### Appearance and Odor:

DARK BROWN LIQUID. SLIGHT ODOR.

### Percent Volatiles by Volume:

6%

### Corrosion Rate:

N/R

### Reactivity Data

#### Stability Indicator:

YES

#### Hazardous Condition By Manufacturer:

NONE SPECIFIED BY MANUFACTURER.

#### Materials To Avoid:

STRONG ALKALI

#### Hazardous Decomposition Products:

CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN

#### Hazardous Polymerization Indicator:

NO

#### Conditions To Avoid Polymerization:

N/R

## 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

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