

# 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

**ACGIHSTEL:**  
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

**LD50LC50Mixture:**  
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:**

**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 %:**

**Spec Gravity:**  
1.177

**VOC Pounds/Gallon:**

**PH:** 2.5

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
DARK BROWN LIQUID. SLIGHT ODOR.

**Percent Volatiles by Volume:**  
69

**Corrosion Rate:**  
N/R

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
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