

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-100/100-17-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
100-17-4  
**Code:**  
M  
**RTECS:**  
BZ8800000  
**Code:**  
M  
**Name:**  
P-NITROANILSOLE

**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:**  
WEAR APPROPRIATE OSHA/MSHA APPROVED SAFETY EQUIPMENT.

**Ventilation:**  
3 CHEMICAL SHOULD BE HANDLED ONLY IN A HOOD.

**Protective Gloves:**  
N/K

**Eye Protection:**  
EYE SHIELDS

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
ACETONE: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**  
FIRST AID CONT'D: OBTAIN MEDICAL ATTENTION IN ALL CASES. ALL DATA IS FOR ACETONE.

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT/MOUSE): 5800 MG/KG (SUPP)

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACETONE-INHALATION: HARMFUL/RESPIRATORY TRACT IRRITATION/MUCOUS MEMBRANE IRRITATION. SKIN: HARMFUL IF ABSORBED/IRRITATION/DERMATITIS. EYES: IRRITATION. INGESTION: HARMFUL. ISOCTANE-INGESTION: HARMFUL. INHALATION: HARMFUL/MUCOUS MEMBRANE IRRITATION. EYES: IRRITATION. SKIN: MAY BE HARMFUL IF ABSORBED/IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptoms Of Overexposure:**  
ACETONE: IRRITATION. ISOCTANE: IRRITATION.

**Medical Cond Aggravated By Exposure:**  
2 N/K

**First Aid:**  
ACETONE-EYES: FLUSH W/WATER FOR 15-20 MINS. SKIN: FLUSH W/WATER FOR 15-20 MINS. IF NOT BURNED, WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. KEEP WARM/QUIET. INGESTION: INDUCE VOMITING W/SYRUP OF IPECAC.DON'T GIVE LIQUIDS/INDUCE VOMITING IF UNCONSCIOUS/CONVULSING. IF VOMITING OCCURS, WATCH CLOSELY TO AVOID AIRWAY OBSTRUCTION. (SEE SUPP)

**Spill Release Procedures:**  
EVACUATE AREA. WEAR APPROPRIATE OSHA REGULATED EQUIPMENT. VENTILATE AREA. ABSORB ON VERMICULITE/SIMILAR MATERIAL. SWEEP UP & PLACE IN APPROPRIATE CONTAINER/HOLD FOR DISPOSAL. WASH CONTAMINATED SURFACES TO REMOVE ANY RESIDUES.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER IAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN A COOL DRY PLACE ONLY W/COMPATIBLE CHEMICALS. KEEP TIGHTLY CLOSED. FOR LABORATORY USE ONLY.

**Other Precautions:**  
AVOID CONTACT W/SKIN, EYES & CLOTHING. DON'T BREATHE VAPORS. CONTACT LENSES SHOULDN'T BE WORN IN THE LABORATORY. ALL CHEMICALS SHOULD BE CONSIDERED HAZARDOUS. AVOID DIRECT PHYSICAL CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
-0.4F (SEE SUPP)

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
2.6 (SUPP)

**Upper Limits:**  
12.8 (SUPP)

**Extinguishing Media:**  
CO2, DRY CHEMICAL POWDER/SPRAY. (SEE SUPP)

**Fire Fighting Procedures:**  
N/K

**Unusual Fire/Explosion Hazard:**  
FLAMMABLE CHEMICAL. VAPORS MAY TRAVEL TO DISTANT IGNITION SOURCE & FLASH BACK. SENSITIVE TO HEAT. AUTOIGNITION TEMP: 869F. (SEE SUPP)

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
133.7F SUPP

**Melt/Freeze Pt:**

**M.P./F.P Text:**  
-137.2F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
184 (SUPP)

**Vapor Density:**  
2 (SUPP)

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(BU AC =1): 5.6 (SUPP)

**Solubility in Water:**  
MISCIBLE (SUPP)

**Appearance & Odor:**  
COLORLESS LIQUID W/FRUITY/PLEASANT ODOR. (SEE SUPP)

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
ACETONE: HEAT. (SEE SUPP)

**Materials To Avoid:**  
ACETONE-STRONG ACIDS/OXIDIZING AGENTS/BASES/REDUCING AGENTS. (SEE SUPP)

**Hazardous Decomposition Products:**  
ACETONE-TOXIC FUMES. (SEE SUPP)

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
(SEE SUPP) 4

## 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