

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-767/767-00-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
767-00-0  
**Code:**  
M

**RTECS:**  
DI4375000  
**Code:**  
M

**Name:**  
P-HYDROXYBENZONITRILE (P-CYANOPHENOL)

**Other REC Limits:**  
NONE SPECIFIED

**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/MSHA-APPROVED RESPIRATOR WITH DUST CARTRIDGE IF TLV IS EXCEEDED.

**Ventilation:**  
LOCAL EXHAUST TO MAINTAIN EXPOSURE LEVEL BELOW TLV.

**Protective Gloves:**  
RUBBER.

**Eye Protection:**  
SAFETY GLASSES.

**Other Protective Equipment:**  
Equipment PROTECTIVE CLOTHING TO MINIMIZE SKIN CONTACT.

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING.DO NOT SHAKE CLOTHING.REMOVE DUST BY WASHING OR VACUUMING.

**Supplemental Safety and Health:**  
NONE. 4

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 ORAL MOUSE IS 450 MG/KG

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

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE EFFECTS:IRRITATION TO EYES, SKIN AND UPPER RESPIRATORY TRACT. HARMFUL IF SWALLOWED.

**Explanation Of Carcinogenicity:**  
N/R 2

**Signs And Symptions Of Overexposure:**  
EYES:IRRITATION. SKIN:IRRITATION. INHALATION:MUCOUS MEMBRANE AND UPPER RESPIRATORY TRACT IRRITATION.

**Medical Cond Aggravated By Exposure:**  
NONE NOTED.

**First Aid:**  
EYES:FLUSH WITH PLENTY OF WATER.IF IRRITATION PERSISTS,SEE DOCTOR. SKIN:REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND WATER.IF IRRITATION PERSISTS SEE DOCTOR. INHALATION:REMOVE TO FRESH AIR.GIVE CPR /OXYGEN IF NEEDED. SEE DOCTOR. INGESTION:DRINK LARGE AMOUNT OF WATER,INDUCE VOMIT.SEE DOCTOR.

**Spill Release Procedures:**  
VENTILATE.CLEAN UP USING METHODS THAT AVOID DUST GENERATION SUCH AS VACUUM,WET DUST MOP OR WET CLEAN UP AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.IF DUST IS GENERATED USE NIOSH/MSHA APPROVE D RESPIRATOR WITH DUST CARTRIDGE.

**Neutralizing Agent:**  
NOT APPLICABLE

**Waste Disposal Methods:**  
NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER. KEEP IN COVERED CONTAINERS PENDING DISPOSAL.DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN COOL,DRY,WELL VENTILATED AREA.PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT.KEEP CONTAINERS TIGHTLY CLOSED.

**Other Precautions:**  
AVOID CONTACT WITH SKIN AND EYES. AVOID INHALATION OF FUMES. USE ONLY WITH ADEQUATE VENTILATION.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/R 3

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

**Fire Fighting Procedures:**  
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

**Unusual Fire/Explosion Hazard:**  
FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
233F,112C

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
N/R

**Vapor Density:**  
4.1

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
SOLID, CRYSTALLINE.

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

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH TEMPERATURES AND OPEN FLAMES

**Materials To Avoid:**  
ACIDS, OXIDIZING AGENTS.

**Hazardous Decomposition Products:**  
CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/R 5

## 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