

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-571/57110-29-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
57110-29-9

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
METHYLHEXAHYDROPHTHALICANHYDRIDE

**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:**  
FOR EMERGENCIES, USE POSITIVE PRESSURE BREATHING APPARATUS OR A FULL FACE RESPIRATOR W/APPROVED ORGANIC VAPOR CANISTER IS RECOMMENED.

**Ventilation:**  
GENERAL EXHAUST: ACCEPTABLE. LOCAL EXHAUST PREFERRED.

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
CHEMICAL GOGGLES/FACE SHIELD

**Other Protective Equipment:**  
Equipment CLEAN, BODY COVERING CLOTHING, FACE SHIELD 3

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
NOTE: STAIN FOR EVIDENCE OF CORNEAL INJURY. IF CORNEAL IS BURNED, INSTILL ANTIBIOTIC STEROID PREPARATION FREQUENTLY. SKIN: TREAT AS THERMAL BURN. INHALE: BRONCHODILATORS/EXPECTORANTS/ANTITUSSIVE HELPF UL. INGEST: LAVAGE ENDOTRACHEAL/ESPHAGASCOPIC CONTROL. NO SPECIFIC ANTIDOTE. LD50 FOR METHYLHEXAHYDROPHTHALIC ANHYDRIDE.

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT): 3,000 MG/KG SEE SUPP

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES: MODERATE TO SEVERE INJURY, BURNS, IMPARIMENT OF VISION. SKIN: MODERATE TO SEVERE BURNS, SENSITIZATION, ALLERGIC RESPONSE. INGESTION: BURNS OF MOUTH, ESOPHAGUS, STOMACH. INHALATION: CORROSIVE & S EVERE IRRITATION, ALLERGIC ASTHMA, RESPIRATORY SENSITIZATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
N/K

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

**First Aid:**  
EYES: FLUSH W/WATER FOR 30 MINUTES. SKIN: WASH PROMPTLY W/WATER FOR 30 MINUTES. REMOVE CONTAMINATED CLOTHING. INGESTION: DON'T INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER/MILK IF AVAILABLE & TRANSPOR T TO A MEDICAL FACILITY. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
LARGE: DIKE UP & DILUTE W/PLENTY OF WATER. PUMP INOT APPROPRIATE CONTAINERS. SMALL: DILUTE W/WATER. ABSORB W/SAND, EARTH OR VERMICULITE. COLLECT INTO CLOSED CONTAINER FOR DISPOSAL. 2

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS. CORROSIVE LIQUID. UN1760.

**Handling And Storage Precautions:**  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE IN DRY PLACE AWAY FROM HEAT. FOR INDUSTRIAL USE ONLY. THIS CONTAINER HAZARDOUS WHEN EMPTY.

**Other Precautions:**  
SINCE EMPTY CONTAINERS RETAIN RESIDUE ALL LABELED HAZARDOUS PRECAUTIONS MUST BE OBSERVED. DON'T REUSE EMPTY CONTAINERS FOR FOOD, CLOTHING, OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR SKIN CONTACT W /OUT PROFESSIONAL CLEANING.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
PMCC

**Flash Point:**

**Flash Point Text:**  
275F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
SMALL: CO2, DRY CHEMICAL. LARGE: POLYMER FOAM.

**Fire Fighting Procedures:**  
WATER SPRAY WILL REDUCE INTENSITY OF FLAMES. SOILD STREAM OF WATER DIRECTED INTO HOT, BURNING LIQUID COULD CAUSE FROTHING. USE SCBA.

**Unusual Fire/Explosion Hazard:**  
OXIDES OF CARBON

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
572F

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
1.4-1.5

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
HYDROLYZABLE

**Appearance and Odor:**  
LIGHT TAN FLUID W/FAINT CHARACTERISTIC ACID ODOR

**Percent Volatiles by Volume:**  
0

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXTREME HEAT, FIRES &OTHER IGNITION SOURCES

**Materials To Avoid:**  
WATER, STRONG MINERAL ACIDS, STRONG OXIDIZING AGENTS, NITRIC ACID, LIQUID OXYGEN &OZONE.

**Hazardous Decomposition Products:**  
NITROGEN OXIDES, CO2, CO

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## 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