

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-741/741-58-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
741-58-2  
**Code:**  
M

**RTECS:**  
TE0250000  
**Code:**  
M

**Name:**  
S-(O,O-DIISOPROPYL PHOSPHORODITHIOATE) ESTER 46 O

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**  
ACGIH TLV: N/K  
**Code:**  
1 OSHA STEL:

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
USE A DUST/MIST RESPIRATOR. EMERGENCIES: SELF-CONTAINED BREATHING APPARATUS.

**Ventilation:**  
LOCAL EXHAUST

**Protective Gloves:**  
RECOMMENDED

**Eye Protection:**  
CHEMICAL SAFETY GOGGLES

**Other Protective Equipment:**  
Equipment FULL PROTECTIVE CLOTHING, EYE WASH &QUICK-DRENCH FACILITY

**Work Hygienic Practices:**  
REMOVE CONTAMINATED CLOTHING.

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL (RAT) LD50: 1987 MG/KG

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES: IRRITATION, CORNEAL OPACITY, REDNESS, SWELLING & DISCHARGE. SKIN: IRRITATION & ABSORPTION. INHALATION: IRRITATION. INGESTION: HEADACHE, DIZZINESS, ANXIETY, DIALATED PUPILS, FLUSHED FACE, DRY MOU TH, RAPID PULSE, NAUSEA, ABDOMINAL CRAMPS, VOMITING, DIARRHEA, RESPIRATORY DIFFICULTY, CONVULSIONS, COMA & HEART BLOCK.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
EYES: IRRITATION, CORNEAL OPACITY, REDNESS, SWELLING & DISCHARGE. SKIN: IRRITATION & ABSORPTION. INHALATION: IRRITATION. INGESTION: HEADACHE, DIZZINESS, ANXIETY, DIALATED PUPILS, FLUSHED FACE, DRY MOU TH, RAPID PULSE, NAUSEA, ABDOMINAL CRAMPS, VOMITING, DIARRHEA, RESPIRATORY DIFFICULTY, CONVULSIONS, COMA & HEART BLOCK.

**Medical Cond Aggravated By Exposure:**  
CHOLINESTERASE INHIBITION

**First Aid:**  
EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INESTION: DRINK 2 GLASSES OF WATER & INDUCE VOMITING BY STICKING FIGURE DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TOAN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
VENTILATE AREA. SWEEP UP & CONTAINERIZE FOR RECLAMATION OR DISPOSAL. TRACE RESIDUE MAY BE FLUSHED TO SEWER WITH LARGE AMOUNTS OF WATER.

**Neutralizing Agent:**  
N/K

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

**Handling And Storage Precautions:**  
KEEP CONTAINER CLOSED. OPEN DUMPING IS PROHIBITED. PESTICIDE, SPRAY MIXTURE, OR RINSE WATER THAT CAN'T BE USED ACCORDING TO LABEL INSTRUCTIONS.

**Other Precautions:**  
DONT USE CONTACT LENSES. 2

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

**Fire Fighting Procedures:**  
USE FULL PROTECTIVE CLOTHING & NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

**Unusual Fire/Explosion Hazard:**  
N/K

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K 3

**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:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
TAN COLORED GRANULES W/SLIGHT MERCAPTAN

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
MOISTURE

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
TOXIC GASES &VAPORS

**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