

# 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

**ACGIH STEL:**

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

**LD50/LC50/Mixture:**

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, DILATED PUPILS, FLUSHED FACE, DRY MOUTH, RAPID PULSE, NAUSEA, ABDOMINAL CRAMPS, VOMITING, DIARRHEA, RESPIRATORY DIFFICULTY, CONVULSIONS, COMA & HEART BLOCK.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

EYES: IRRITATION, CORNEAL OPACITY, REDNESS, SWELLING & DISCHARGE. SKIN: IRRITATION & ABSORPTION. INHALATION: IRRITATION. INGESTION: HEADACHE, DIZZINESS, ANXIETY, DILATED PUPILS, FLUSHED FACE, DRY MOUTH, 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. INGESTION: DRINK 2 GLASSES OF WATER & INDUCE VOMITING BY STICKING FIGURE DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN 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:**

DON'T 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

**Melt/Freeze Pt:**

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:****Insolubility in Water:****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:**

N/P

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