

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-298/298-04-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
298-04-4  
**Code:**  
M

**RTECS:**  
TD9275000  
**Code:**  
M

**Name:**  
DISULFOTON (SARA III)

**Other REC Limits:**  
N/K

**OSHA PEL:**  
S, 0.1 MG/M3  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
0.1 MG/M3, 9192  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
IN AN EMERGENCY, USE A PESTICIDE RESPIRATOR JOINTLY APPROVED BY MINING ENFORCEMENT & SAFETY ADMINISTRATION & BY NIOSH UNDER THE PROVISION OF 30 CFR PART 11.

**Ventilation:**  
PROVIDE ADEQUATE VENTILATION OR CONTROLS TO KEEP

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
SAFETY GOGGLES

**Other Protective Equipment:**  
Equipment N/R

**Work Hygienic Practices:**  
USE GOOD INDUSTRIAL HYGIENE PRACTICES IN THE WORK AREA.

**Supplemental Safety and Health:**  
NOTE TO PHYSICIAN: ATROPINE SULFATE IS ANTIDOTAL. 2-PAM MAY BE ADMINISTERED IN CONJUNCTION W/ATROPINE. DON'T GIVE MORPHINE. WATCH FOR PULMONARY EDEMA.

## Health Hazards Data

**LD50/LC50 Mixture:**  
ORAL LD50: 2 MG/KG (RAT)

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

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SKIN: MAY BE ABSORBED LEADING TO TOXIC EFFECTS, IRRITATING. EYE: REDDENING, CONSTRICTION OF PUPILS. INHALATION: NAUSEA, SWEATING, TIGHTNESS IN CHEST, MUSCULAR TREMORS, CONVULSIONS, UNCONTROLLED MUCOUS SECRETION & COMA. INGESTION: STOMACH PAINS, VOMITING, DIARRHEA. MAY BE FATAL IF SWALLOWED.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
SKIN: MAY BE ABSORBED LEADING TO TOXIC EFFECTS, IRRITATING. EYE: REDDENING, CONSTRICTION OF PUPILS. INHALATION: NAUSEA, SWEATING, TIGHTNESS IN CHEST, MUSCULAR TREMORS, CONVULSIONS, UNCONTROLLED MUCOUS SECRETION & COMA. INGESTION: STOMACH PAINS, VOMITING, DIARRHEA. MAY BE FATL IF SWALLOWED.

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

**First Aid:**  
INHALATION: MOVE TO FRESH AIR. IF BREATHING HAS SPED, ARTIFICIAL RESPIRATION SHOULD BE STARTED. OXYGEN MAY BE ADMINISTERED. EYE: FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS. SEEK MED ATT. SKIN: WASH W/PLENTY OF SOAP & WATER. IF IRRITATION PERSISTS, SEEK MED ATT. INGESTION: CALL PHYSICIAN. DON'T INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. IF PERSON IS CONSCIOUS, GIVE WATER.

**Spill Release Procedures:**  
S LEAK. CONTAIN SPILL. PICK UP AS MUCH AS POSSIBLE BY VACUUMING OR SWEEPING UP MATERIAL. SPILLED MATERIAL MAY BE REUSED OR PLACED IN A CLOSED, LABELED CONTAINER. CONTAMINATED AREA MAY BE FLOODED W/ A DETERGENT & WATER, THEN FLUSHED DOWN THE DRAIN.

**Neutralizing Agent:**  
N/R

**Waste Disposal Methods:**  
DISPOSE OF BY USE ACCORDING TO LABEL INSTRUCTIONS, OR BY FEDERAL, STATE, LOCAL RULES.

**Handling And Storage Precautions:**  
KEEP CONTAINER CLOSED. STORE IN A COOL, DRY PLACE. STORE IN ORIGINAL CONTAINER. DON'T STORE OUTDOORS. AVOID DIRECT CONTACT WITH SKIN & EYES.

**Other Precautions:**  
2 DON'T STORE NEAR SEEDS, FEEDS OR FOOD STUFFS. AVOID CONTAMINATING WATER SOURCES. DON'T GRAZE ANIMALS ON TREATED AREAS. KEEP OUT OF REACH OF CHILDREN & ANIMALS. READ LABEL CAREFULLY BEFORE USE.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NON-FLAMMABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
NON-FLAMMABLE

**Fire Fighting Procedures:**  
N/R

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

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/R

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
N/R

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
NEGILIGIBLE

**Appearance and Odor:**  
GRANULAR, BEIGE/GRAY, AMYL ACETATE ODOR

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

**Corrosion Rate:**  
N/R

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
SUSTAINED TEMPERATURES >100F.

**Materials To Avoid:**  
STRONG ALKALINE MATERIALS

**Hazardous Decomposition Products:**  
SO2, P2O5, CO, C2H5SH

**Hazardous Polymerization Indicator:**  
NO

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

## 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