

# MATERIAL SAFETY DATA SHEET

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## SECTION I – GENERAL INFORMATION

TRADE NAME	<b> DIAZINON INSECTICIDE</b>
CHEMICAL NAME	(O, O-Diethyl 0-(2-Isopropyl-6-Methyl-4-Pyrimidinyl) Phosphorothioate
CHEMICAL FAMILY	Phosphorothioate - Insecticide
EPA REG. NO.	19713-91
SIGNAL WORD	CAUTION

## SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

<u>NAME</u>	<u>CAS NO.</u>	<u>% (by wt.)</u>	<u>TLV</u>	<u>CLASS</u>
Diazinon	33415	48.2	0.1 mg/m3	H
Inerts	N/A	51.8	N/A	NH

## SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	190°C	<u>Specific Gravity</u>	0.997 gms/cc
<u>Vapor Pressure</u>	2 mmHg	<u>% Volatiles</u>	N/A
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	Emulsifies
<u>pH</u>	Neutral	<u>Appearance/Odor</u>	Tan liquid, solvent odor

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>100°F (Combustible)
Extinguishing Media	Dry chemical, Carbon Dioxide, Halon, water spray or foam.
Fire Fighting Procedures	Assure self-contained breathing apparatus is worn. Stay upwind. Prevent runoff from entering waterways.

## SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme temperatures
Incompatibility	Avoid contamination with water, acids, or alkalis
Hazardous Decomposition Products	Oxides of Carbon and Nitrogen
Hazardous Polymerization	Will not occur

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = 1,250 mg/kg (Tech) Dermal LD50 (Rabbit) = >2,020 mg/kg (Tech)
TLV	0.1 mg/m3 (Skin)
N.F.P.A.	Health: 3, Fire: 2, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Headache, blurred vision, nervousness, weakness, nausea, cramps, salivation, respiratory difficulty.

## SECTION VII – EMERGENCY PROCEDURES

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**If on Skin or Clothing:** Rake off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

**Note To Physician:** This product contains Diazinon, an organophosphate that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should be administered only in conjunction with atropine.

## SECTION VIII- SPILL OR LEAK PROCEDURES

### Steps to be taken in case of material leak or spill

Pick up spills with absorbent clay or material and place in suitable containers. Mop area with soap and water. Assure protective clothing is worn.

### Waste Disposal Method

Dispose of in accordance with Local, State, and Federal Regulations.

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	NIOSH approved organic vapor respirator
Ventilation	Local exhaust recommended
Protective Gloves	Chemical resistant
Eye Protection	Chemgoggles
Other	Long-sleeved shirt and long pants, shoes plus socks

## SECTION X – SPECIAL PRECAUTIONS

### Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.  
Wash thoroughly after handling. Store away from heat or open flames. Keep away from foodstuffs.

D.O.T. Description	Organophosphorus Pesticides, Liquid, Toxic, Flammable (Diazinon/Xylene), 6.1, UN-3017, PG-III, Marine Pollutant
Freight Description	Agricultural Insecticide, Liquid, N.O.S.
Reportable Quantity	1 Lb.
E.R.G. Guide Sheet	131

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