

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	DIAZINON 50WP
CHEMICAL NAME	(O, O-Diethyl 0-(2-Isopropyl-6-Methyl-4-Pyrimidinyl) Phosphorothioate
CHEMICAL FAMILY	Phosphorothioate - Insecticide
EPA REG. NO.	19713-492
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 Technical	33415-	50.00	0.1 mg/m3	H
Inerts	N/A	50.00	N/A	NH

SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	N/A	<u>Specific Gravity</u>	24 ft3
<u>Vapor Pressure</u>	N/A	<u>% Volatiles</u>	N/A
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	0.0004% @ 20°C
<u>pH</u>	N/A	<u>Appearance/Odor</u>	Light brown powder, slight sulfur like odor.

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	N/A
Extinguishing Media	Dry chemical extinguisher or carbon dioxide.
Fire Fighting Procedures	Vapors and other discharges to the environment are to be confined and reduced as quickly as possible. Use light spray.

SECTION V – REACTIVITY DATA

Stability	Stable.
Conditions to Avoid	Avoid storage at high temperature, protect from moisture.
Incompatibility	Avoid contamination with water, acids, or alkalies.
Hazardous Decomposition Products	Monothiono TEEP – Based on storage data with small amounts of water. Diazinon:
Hazardous Polymerization	Will not occur.

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	TVL oil mist mg/m3 (skin)
Toxicity Data	Oral LD50 (Rat) = 1,550 mg/kg (Tech)
TLV	Dermal LD50 (Rabbit)
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, muscle twitches, convulsions, loss of reflexes.

SECTION VII – EMERGENCY PROCEDURES

Skin Contact: Remove contaminated clothing and wash affected areas thoroughly with soap and water. Get medical attention.

Eye Contact: Flush eyes with plenty of water. Call a physician if irritation persists.

Inhalation: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention. Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

Note to Physician: If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Safely contain and sweep into a disposable bag. Wash surface with warm water and detergent, then with caustic solution. Do not allow water to contaminate water supplies. Neutralizing Chemicals: Caustic.

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

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not normally required. For unusual cases, the MSA Confo III Pesticide Respirator.
Ventilation	Local exhaust: Well ventilated area Special: Do not breath fumes or dust.
Protective Gloves	Wear clothing consistent with good pesticide handling and applications.
Eye Protection	Not required for normal use, chemgoggles.
Other	Wear clothing consistent with good pesticide handling and applications.

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.
Store away from foodstuffs.

D.O.T. Description	Organophosphorus Pesticides, Solid, Toxic, N.O.S., (Diazinon), 6.1, UN-2783, PG-III, Marine Pollutant, RQ 1 Lb.
Freight Description	Agricultural Insecticide, Liquid, N.O.S.
Reportable Quantity	1 Lb.

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