

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	DIMETHOATE 2.67
CHEMICAL NAME	Dimethoate
CHEMICAL FAMILY	Organophosphate Insecticide
EPA REG. NO.	19713-232
SIGNAL WORD	WARNING

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>
Dimethoate	60-51-5	30.5	0.1mg/m ³	H
Inerts	N/A	69.5	N/A	NH

SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	156 C	<u>Specific Gravity</u>	1.05 gm/ml
<u>Vapor Pressure</u>	26mm Hg	<u>% Volatiles</u>	60%
<u>Vapor Density</u>	4	<u>Solubility in Water</u>	Emulsifies
<u>pH</u>	6-8	<u>Appearance/Odor</u>	Clear-colorless to light yellow liquid, slight odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	124 F
Extinguishing Media	Foam, Carbon Dioxide, dry chemical or water spray.
Fire Fighting Procedures	Fight fire from upwind. Dike area to prevent water runoff. Assure self-contained breathing apparatus is worn.

SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Storage at elevated temperatures
Incompatibility	Strong alkalies and strong oxidizers
Hazardous Decomposition Products	Thermal decomposition may product Carbon Monoxide, Carbon Dioxide, Sulfur Dioxide and/or strong oxidizers.
Hazardous Polymerization	Will not occur.

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = 60 mg/kg (Tech) Dermal LD50 (Rabbit) = 1 gm/kg (Tech)
TLV	0.1 mg/m ³
N.F.P.A.	Health: 3, Fire: 2, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Weakness, headache, tight chest, blurred vision, non-reactive pinpoint pupils, excessive salivation, sweating, nausea, vomiting.

SECTION VII – EMERGENCY PROCEDURES

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. 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 on Skin or Clothing: Take 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.

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.

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 Information Center at 1-800-858-7378.

NOTE TO PHYSICIAN: Atropine is antidotal. Pralidoxime chloride may be effective as an adjunct to atropine. This product may cause cholinesterase inhibition. Contains petroleum distillate. Vomiting may cause aspiration pneumonia. If swallowed, stomach contents should be evacuated quickly in a manner which avoids aspiration. Otherwise treatment should be directed at the control of symptoms and clinical condition. Dimethoate is an organophosphate insecticide/miticide.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill

Wear appropriate protective equipment and clothing. Remove sources of ignition. Absorb in clay or soda ash. Sweep up and place in suitable container. Treat contaminated area with full strength liquid bleach.

Waste Disposal Method

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

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	NIOSH approved respirator.
Ventilation	General recommended
Protective Gloves	Rubber impervious
Eye Protection	Splash proof goggles
Other	Coveralls, long-sleeved shirt, rubber boots.

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Keep material in original containers. Store away from foodstuffs. Avoid contact with skin and eyes.

D.O.T. Description	Organophosphorus Pesticides, Liquid, Toxic,
	Flammable, (Dimethoate, Cyclohexanone), 6.1, 3, UN-3017, PG-III, Marine Pollutant
Freight Description	Agricultural Insecticide, Liquid, N.O.S.
Reportable Quantity	10 Lbs.
ERG Guide	131

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