



# MATERIAL SAFETY DATA SHEET

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Rockland C-Em-Die  
**EPA REG. NUMBER:** 572-246  
**PRODUCT NUMBER:** 340000, 340105

**MANUFACTURER:** Value Garden Supply  
**ADDRESS:** P.O. Box 585, St. Joseph, MO 64502

**MANUFACTURER PHONE:** (888) 603-1008  
**MANUFACTURER FAX PHONE:** (952) 884-6149  
**EMERGENCY PHONE:** (800) 858-7378

**PRODUCT USE:** Fly Control in Barns.

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENTS*:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>OSHA TWA</u>	<u>OSHA STEL</u>	<u>ACGIH TWA</u>	<u>ACGIH STEL</u>
Pyrethrins	8003-34-7	0.034	NE	NE	NE	NE
Tech. Piperonyl Butoxide	51-03-6	0.277	NE	NE	NE	NE
Dichlorvos	62-73-7	0.250	NE	NE	NE	NE
Petroleum Distillate	8008-20-6	99.43.9	NE	NE	NE	NE

\* All ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are **potentially** hazardous per OSHA definitions

N/A = not applicable NE = not established

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## SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Clear Amber Liquid

**VAPOR PRESSURE (mmHg):** less than 5

**ODOR:** Petroleum hydrocarbon odor

**PERCENT VOLATILE BY VOLUME):** 100

**PHYSICAL STATE:** Liquid

**SPECIFIC GRAVITY:** 0.82

**BOILING POINT:** 174-293°C

**DENSITY:** N/A

**MELTING POINT:** N/A

**pH:** .820

**FREEZING POINT:** NE

**AUTO IGNITION:** N/A

**WATER SOLUBILITY:** Negligible

**OTHER SOLUBILITIES:** N/A

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## SECTION 4: FIRE-FIGHTING MEASURES

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**FLASH POINT:** > 100°F

**AUTOIGNITION TEMPERATURE:** N/A

**EXTINGUISHING MEDIA:** Foam, water mist or spray, dry chemical or CO<sub>2</sub>. Cool exposed container with water. High pressure water may spread the product. Dike to prevent runoff.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus for enclosed areas. Minimize breathing vapor or fumes.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not established



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## SECTION 5: STABILITY AND REACTIVITY

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**STABILITY:** Stable avoid excessive heat and moisture.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidents

**HAZARDOUS POLYMERIZATION:** Will Not Occur

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## SECTION 6: HEALTH HAZARDS

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**POTENTIAL HEALTH EFFECTS:** In high concentrations, vapor is irritating to eyes and mucous membranes and is anesthetic. Prolonged or repeated contact with skin will cause irritation and dermatitis. The organo-phosphate content can act as a cholinesterase inhibitor. Aspiration is a hazard.

**CARCINOGENICITY:**

### EMERGENCY AND FIRST AID PROCEDURES

**EYES:** Flush with plenty of water. Get medical attention.

**SKIN:** Remove contaminated clothing. Wash affected area with soap and water. Launder clothing before reuse. Footwear should be decontaminated or discarded.

**INGESTION:** Do not induce vomiting. Call physician or poison control center immediately.

**INHALATION:** Remove from contaminated atmosphere.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** This product contains 99.5% petroleum distillate. Olive oil or other vegetable oil may be administered to retard absorption for symptoms of cholinesterase inhibition. Atropine is the drug of choice.

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## SECTION 7: PRECAUTIONS FOR SAFE HANDLING

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Make sure all personnel involved in spill cleanup follow good industrial hygiene practices. Recover free liquid. Cover spill area with absorbent. Obtain maximum ventilation. Prevent spread of liquid by diking. Sweep up contaminated absorbent and place in containers for proper disposal. Wash spill with sodium carbonate and strong detergent. Flush area with water. Recover water.

**CONTAINMENT:** Dispose of material, spill residue, wash water and containers in a method consistent with local, states and federal health and environmental regulations.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** N/A

**VENTILATION:** Local exhaust specify rate) well-ventilated area.

**RESPIRATORY PROTECTION:** A suitable respiratory selected from list of NIOSH/MSHA approved respirator.

**EYE PROTECTION:** Face shield chemical splash goggles.

**SKIN PROTECTION:** Impervious to minimize skin contact.

**WORK HYGIENIC PRACTICES:** General

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## SECTION 9: OTHER INFORMATION

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**\*DOT HAZARD DESCRIPTION:** Combustible Liquid, NOS (Petroleum Distillate Solution) NA 1993, PIII

(\*) U.S Department of Transportation

This information is provided in good faith, but without express or implied warranty. For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.