

PROZAP INSECT GUARD[®], MOTH GUARD[®], INSECT GUARD[®] JR.

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF PRODUCT

LOVELAND INDUSTRIES, INC.
PO BOX 1289
GREELEY, CO 80632-1289

EMERGENCY PHONE NUMBERS 1-800-424-9300 CHEMTREC
1-970-356-8920 LOVELAND IND.
CALL CHEMTREC 24 HOURS A DAY @ 1-800-424-9300

TRADE NAME: **PROZAP INSECT GUARD, MOTH GUARD, INSECT GUARD JR.**
EPA REG# 5481-338-36208
CHEMICAL NAME: DDVP (2,2-Dichlorovinyl dimethyl phosphate)
CHEMICAL FAMILY: Insecticide

II. HAZARDOUS COMPONENTS OF MIXTURES

COMPONENT	C.A.S.#	TLV(UNITS)
DDVP (2,2-Dichlorovinyl dimethyl phosphate)	62-73-7	1.0 mg/m ³
Related compounds	Not applicable	Not applicable

III. PHYSICAL DATA

BOILING POINT:	Not applicable	VAPOR DENSITY(AIR=1):	Not available
BULK DENSITY:	~30-35# / cu ft	% VOLATILE BY VOL:	20
SPECIFIC GRAVITY:	1.26	APPEARANCE:	Yellow plastic strip
SOLUBLE IN WATER:	Negligible	ODOR:	Mild chemical odor
VAPOR PRESSURE (mm / Hg) @ 20°C:		0.01	

IV. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD):	Not applicable
FLAMMABLE LIMITS (UEL AND LEL):	Not available
EXTINGUISHING MEDIA:	Water fog, Foam, CO ₂ , Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES:	Evacuate the area. Use self-contained breathing apparatus. Water spray and fog may be helpful in reducing flame intensity and absorbing irritating fumes. Treated area should be diked to prevent runoff.
UNUSUAL FIRE AND EXPLOSION HAZARD:	Hydrochloric acid and phosgene may be formed from burning or high heat. Vapors of the unburned material may also be hazardous.

V. REACTIVITY DATA

STABILITY:	Normal Conditions: Stable
CONDITIONS TO AVOID:	Prolonged exposure to temperatures above 100°F (38°C)
INCOMPATIBILITY (MATERIALS TO AVOID):	Strong Acid, Strong Base, Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:	Hydrochloric acid phosgene, phosphorous oxides and carbon oxides may be formed from burning or high heat.
HAZARDOUS POLYMERIZATION:	Will not occur

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VI. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: DDVP is a cholinesterase inhibitor: Acute signs of intoxication are sweating, salivation, tearing, nausea, headache, ataxia, tightness in chest, vomiting, diarrhea, pin-point pupils, cyanosis. Atropine is antidotal. Low cholinesterase diseases such as liver disease and alcoholism, may be aggravated by exposure to this product.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with large amounts of water. If irritation persists, get medical attention.

SKIN: Wash skin with large amounts of soap and water. If irritation persists, seek medical help.

INGESTION: If conscious, induce vomiting. Get medical attention.

INHALATION: Remove to fresh air. If needed, administer oxygen or artificial respiration. Get medical attention.

CARCINOGEN STATUS: EPA has recently reclassified DDVP as being in category C, a possible carcinogen. Care should be exercised in handling DDVP.

NOTE TO PHYSICIAN: If signs of intoxication appear, atropine is antidotal and should be given to effect – preferable I.V.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Scoop, shovel, or sweep up and place in appropriate containers. Avoid dust generation. Do not discharge to sewers or waterways.

WASTE DISPOSAL METHOD: Dispose of according to State, Local or Federal regulations.

CONTAINER DISPOSAL: See container label for details.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear a NIOSH/MSHA approved respirator if necessary.

VENTILATION: LOCAL: Use in well-ventilated area SPECIAL: None
MECHANICAL: Local exhaust for confined areas OTHER: None

PROTECTIVE GLOVES: Wear rubber or impervious gloves.

EYE PROTECTION: Wear goggles or a face shield.

OTHER PROTECTION: Long pants, long-sleeved shirt, hat, rubber boots. Wash before reuse. Have eyewash facilities available.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING: Avoid contact with skin, eyes or clothing. Wash hands, face and arms before eating or handling food. Store in original unopened container, away from foodstuffs, feed and children. Avoid areas of extreme heat.

WASTE DISPOSAL METHOD: If a household waste, wrap it in paper, place it in a sealed plastic bag, and put it into the trash. If large numbers of strips are to be discarded the local authorities or the EPA should be contacted prior to dumping. Regulations for the disposal of pesticides and other toxic wastes are changing rapidly. Consult state or local authorities or the EPA for current information. The authorities should also be contacted about information for the disposal of the solid absorbent from cleanup of a large spill.

PRECAUTIONS TO BE TAKEN IN CASE OF A SPILL OR LEAK: Clean up spills immediately. Opened spilled material should be picked up. FOR A SINGLE STRIP: No special protective measures are required. Either rehang strip or dispose of it according to the procedure listed above. Be sure to wash thoroughly with soap and water after handling the strip. FOR A LARGE SPILL: Use the protective clothing listed above. Place the spilled strips into closed containers. Clean up the area by treating with ammonia or dilute caustic solution. Prevent the runoff from getting into local water supplies. Absorb the wash liquid on solid absorbent such as kitty litter and place into a sealed container for disposal.

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X. REGULATORY INFORMATION

REGULATORY CONTROLS: This product is registered under EPA/FIFRA Regulations. It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.

California Proposition 65: This product contains a chemical known to the state of California to cause cancer. [DDVP (Dichlorvos) C.A.S.# 62-73-7]

Components which could require reporting under SARA TITLE III are: DDVP (Dichlorvos)

CHEMICAL	%	CAS NUMBER
DDVP (Dichlorvos)	20.0	62-73-7

SARA TITLE III HAZARD CATEGORY

IMMEDIATE:	Yes	FIRE:	No	REACTIVITY:	No
DELAYED:	Yes	SUDDEN RELEASE OF PRESSURE:			No

Section 313 Toxic Chemicals: DDVP (Dichlorvos)

Section 302 Extremely Hazardous Substances: DDVP (Dichlorvos)

CERCLA Reportable Quantity: DDVP (Dichlorvos) – 10 lb.

Legal responsibility is assumed only for the fact that all studies reported here and all opinions are those of qualified experts. Buyer assumes all risks & liability. He accepts & uses this material on these conditions. He must have a copy of this MSDS where this material is handled.

Date of Issue: 12-31-97

Supersedes: 2-6-90