

25812 Insect Sting Relief
Ampules 10's

SECTION I - COMPANY AND PRODUCT INFORMATION

MANUFACTURER:

Tec Laboratories, Inc.
P. O. Box 1958
Albany, OR 97321

PRODUCT DESCRIPTION:

Liquid Personal Insect Repellent

CHEMICAL FAMILY:

Pesticides

EMERGENCY TELEPHONE NUMBERS:

(541) 926-4577
(541) 926-0769

CAS NUMBER:

Not available for this mixture

SECTION II - HAZARDOUS INGREDIENTS

This product contains the following toxic chemical subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS #	CHEMICAL NAME	PERCENT BY WEIGHT
000136-45-8	Di-n-propyl isocinchomeronate	3.0%

HAZARD SUMMARY

Rating	Definitions
Health 1	0 - least
Fire 1	1 - slight
Reactivity 0	2 - moderate
	3 - high
	4 - extreme

SECTION III - COMPOSITION

CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT
------------	---------------	-------------------

Active ingredients:

134-62-3	N,N-diethyl-m-toluamide (DEET)	25%
113-48-4	n-octyl bicycloheptene dicarboximide	5%
136-45-8	Di-n-propyl isocinchomeronate	3%

Other ingredients:

121-33-5	Vanillin NF/FCC
110-27-0	Isopropyl myristate
8006-90-4	Peppermint oil
8000-29-1	Citronella oil

SECTION IV - HEALTH HAZARD AND FIRST AID INFORMATION

OCCUPATION EXPOSURE LIMIT: Not established

CARCINOGENICITY: Not listed by NTP, IARC or OSHA

PRIMARY ROUTES OF ENTRY: Skin, inhalation

SYMPTOMS AND EFFECTS
OF OVEREXPOSURE

ROUTE OF ENTRY

EMERGENCY AND FIRST AID
PROCEDURES

Can cause temporary minor conjunctivitis.

EYES

Immediately flush with large amounts of water for 15 minutes. If irritation persists, get medical attention.

Can cause minimal temporary irritation, especially on areas occluded from air (inside gloves, under watch bands, etc.)

SKIN

Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, get medical attention.

Harmful if inhaled. Avoid breathing spray mist. Do not spray indoors.

INHALATION

Immediately remove to fresh air. If breathing has stopped, give mouth-to-mouth resuscitation. Get immediate medical attention.

Can cause stomach irritation, resulting in nausea, cramps, and diarrhea.

INGESTION

Do NOT induce vomiting. Give affected person two glasses of water. Keep them warm and quiet and get medical attention immediately.

Acute Dermal Toxicity - no deaths at 5.0 gm/kg (rabbits)

Acute Oral Toxicity - LD50 = 5,600 mg/kg (rats)

Acute Inhalation Toxicity - LC50 = 1.30 mg/L

NOTE TO PHYSICIAN: There is no specific antidote. Treatment of over-exposure should be directed at the control of symptoms and the clinical condition.

SECTION V - PERSONAL PROTECTION INFORMATION

--WHEN HANDLING BULK QUANTITIES--

EYE PROTECTION: OSHA approved safety glasses, goggles or face shield.

PROTECTIVE CLOTHING: Wear rubber gloves. To avoid excessive exposure, wear impervious boots and clothing.

VENTILATION: Mechanical ventilation should be used when handling this product in enclosed areas.

RESPIRATORY PROTECTION: In the absense of proper ventilation, use a respirator approved by NIOSH/OSHA for use with pesticides and organic solvents.

--WHEN USING PRODUCT ACCORDING TO DIRECTIONS FOR USE--

EYE PROTECTION: None required. Avoid applying product in and around eyes.

PROTECTIVE CLOTHING: None required for normal use.

VENTILATION: Apply in well ventilated areas. Do not spray indoors.

RESPIRATORY PROTECTION: None required. Do not spray indoors.

SECTION VI - STORAGE AND SPECIAL HANDLING INFORMATION

Store containers upright and closed. Store in cool, dry and well ventilated areas. Keep away from heat, ignition sources and strong oxidizers. Do not contaminate water, feed or food by storage, handling, or disposal. Read and observe all precautions and instructions on the product label.

SECTION VII - SPILL OR LEAK RESPONSE INFORMATION

PRECAUTIONS IN CASE OF SPILLS OR LEAKS: Eliminate all ignition sources. Contain the spill (prevent this product from reaching surface waters or other water supplies). Soak up the spill with an appropriate absorbent and transfer into waste containers for disposal. Clean the spill area with detergent and water.

WASTE DISPOSAL METHOD: Contaminated absorbent and wash water should be disposed of according to local, state, and federal regulations.

RCRA/CERCLA HAZARDOUS WASTE: This product contains no hazardous waste.

SECTION VIII - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT (open cup): >300°F

FLAMMABLE LIMITS: Not established.

EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SPECIAL FIRE FIGHTING PROCEDURES: Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water spray. Contain the run-off, if possible, for proper disposal.

SECTION IX - REACTIVITY INFORMATION

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Contact with strong oxidizers may produce an explosive situation. Product acts as a plasticizer; avoid contact with synthetic materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Unknown.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Water, heat, acidic or alkaline conditions may cause this product to break down.

SECTION X - PHYSICAL DATA

APPEARANCE: Clear, slightly yellow liquid.

ODOR: Vanilla fragrance.

SOLUBILITY IN WATER (% by weight): Insoluble.

SPECIFIC GRAVITY: 0.89 @ 25°C

BOILING POINT: > 300°F

VISCOSITY: 12 centipoise

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: POWERDEET 25 INSECT REPELLENT
Tec Laboratories, Inc.

Page 1 of 4
Issue Date: 01/05/01