



StandGuard Premise Insecticide

Version 1 00002

Revision Date 04/11/2007

Print Date 05/10/2007

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : StandGuard Premise Insecticide
 Substance Number : 000004282660
 Chemical Name : (R)-cyano(3-phenoxyphenyl) methyl(1R,3R)-3-[(1Z)-2-chloro-3,3,3-trifluoroprop-1-enyl]-2,2-dimethylcyclopropanecarboxylate

Company : Elanco Animal Health
 Division of Eli Lilly and Company
 2001 West Main St
 Greenfield, IN 46140

Telephone : 1-800-428-4441

Emergency telephone number : CHEMTREC: 1-800-424-9300 (Outside U.S. 1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

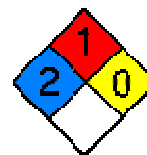
Lilly Lab Labeling Code

Health: 2

Fire: 1

Reactivity: 0

Special: Suspect Carcinogen



Special:
sC

Primary Hazards: Toxic, Suspect Carcinogen, Irritant (eyes, skin), Suspect Allergen, Nervous System

Hazard Summary (Caution): Harmful if mists inhaled. Contains material which can cause cancer. May cause eye/skin irritation. May produce an allergic reaction. Inhalation may cause central nervous system effects.

Emergency Overview

Colour : tan
Odour : slight

Potential Health Effects

Eyes : Causes eye irritation.

Skin : Causes skin irritation. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Skin exposure may also result in a sensation described as a tingling, itching, burning or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage.

Ingestion : Harmful if swallowed.

Inhalation : May be harmful if mists are inhaled. Excessive exposure may cause neuralgic signs and symptoms.



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Aggravated Medical Condition : None known.

Primary Routes of Entry : Inhalation Skin Absorption

Carcinogenicity

NTP Naphthalene Reasonably Anticipated To Be A Carcinogen
 IARC Naphthalene Group 2B (Possibly Carcinogenic to Humans)
 OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Gamma-Cyhalothrin	76703-62-3	5.9
Naphthalene	91-20-3	0.56
Aromatic Naphtha	64742-94-5	
Cellulose	9004-34-6	

SECTION 4. FIRST AID MEASURES

- Inhalation : Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
- Skin contact : Wash off immediately with plenty of water for at least 15 minutes. Take off all contaminated clothing immediately. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
- Eye contact : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after five minutes, then continue rinsing eye. Obtain medical attention.
- Ingestion : If swallowed, call a poison control centre or doctor immediately. Do not induce vomiting without medical advice. Do not give any liquid to the person. Never give anything by mouth to an unconscious person.

Notes to physician

- Treatment : Induced vomiting as a first aid for this product may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Relief from skin sensation may be obtained by applying an oil-based cream. If medical advice is needed: Have product container or label at hand. You may also contact 1-800-428-4441 for emergency medical treatment information.

SECTION 5. FIRE-FIGHTING MEASURES

Flash point : > 100 °C

Autoignition temperature : < 400 °C



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Lower explosion limit : no data available
Upper explosion limit : no data available

Suitable extinguishing media : Water. Carbon dioxide (CO2). Dry chemical. Halons.

Unusual Fire and Explosion Hazard : Hazardous decomposition products formed under fire conditions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up : Prevent further migration into the environment. Use absorbent/adsorbent material to solidify liquids. Solidification may not suppress vapors. Vacuuming liquids or solidified material may disperse vapors. Wear protective equipment, including eye protection, to avoid exposure (see Section 8 for specific handling precautions).

SECTION 7. HANDLING AND STORAGE

Handling

Advice on safe handling : Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

Storage

Requirements for storage areas and containers : Keep away from heat and sources of ignition. Store in original container. Keep tightly closed. Do not freeze. Do not contaminate water, food or feed by storage or disposal.



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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

Components	Exposure Limit Values
Cellulose	ACGIH: TWA 10 mg/m ³ OSHA: TWA 15 mg/m ³ dust total OSHA: TWA 5 mg/m ³ respirable fraction
Naphthalene	ACGIH: STEL 15 ppm ACGIH: TWA 10 ppm OSHA: TWA 10 ppm (50 mg/m ³) ACGIH: Not Classifiable as a Human Carcinogen ACGIH: Skin - potential significant contribution to overall exposure by the cutaneous route

Engineering measures

Laboratory fume hood or local exhaust ventilation.

Personal protective equipment

Respiratory protection : Use an approved respirator.

Eye protection : Goggles Face-shield

Skin and body protection : Long sleeved clothing. Chemical-resistant gloves and impermeable body covering to minimize skin contact. If handled in a ventilated enclosure, as in a laboratory setting, respirator and goggles or face shield may not be required. Safety glasses are always required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state : liquid
 Colour : tan

Odour : slight

Safety data

Melting point : < 0 °C
 Boiling point :

Autoignition : < 400 °C
 temperature

Flash point : > 100 °C
 Decomposes

Lower explosion limit : no data available
 Upper explosion limit : no data available



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Toxicity to algae

- Aromatic Naphtha EC50 / 72 h / Skeletonema costatum: 2.5 mg/l
- Naphthalene EC50 / 96 h / Skeletonema costatum: 0.4 mg/l

Toxicity to daphnia

- Aromatic Naphtha EC50 / 48 h / Daphnia magna : 0.95 mg/l
- Naphthalene EC50 / 48 h / water flea : 2.16 mg/l

Elimination information (persistence and degradability)

Additional ecological information :

This pesticide is extremely toxic to fish and aquatic organisms, and toxic to wildlife. Do not apply directly to water, or areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal methods : In accordance with local and national regulations. Observe label precautions.

SECTION 14. TRANSPORT INFORMATION

Other information : Not dangerous goods in the meaning of DOT, IMO/IMDG, ICAO/IATA

SECTION 15. REGULATORY INFORMATION

TSCA Status: All ingredients are on the inventory or are not required to be listed on the inventory.

CERCLA Reportable Quantity

		Wt %
91-20-3	Naphthalene	0.56%

California Prop. 65

WARNING! This product contains a chemical known in the State of California to cause cancer.

91-20-3	Naphthalene
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US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

91-20-3	Naphthalene
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US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

91-20-3	Naphthalene
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SECTION 16. OTHER INFORMATION

Further information

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS MATERIAL SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

For additional information contact:

Elanco Animal Health

317-276-2000

1-800-428-4441