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MATERIAL SAFETY DATA SHEET
GENTROL® POINT SOURCE ROACH CONTROL DEVICE

Manufacturer: Wellmark International
Address: 1100 East Woodfield Road, Suite 500 Schaumburg, IL 60173
Emergency Phone: 1-800-248-7763
Transportation Emergency Phone: CHEMTREC: 1-800-424-9300

1. CHEMICAL PRODUCT INFORMATION

Product Name: Gentrol® Point Source Roach Control Device
Chemical Name/Synonym: (S)-Hydroprene: (Ethyl(2E,4E,7S)-3,7,11-trimethyl-2,4-dodecadienoate)
Chemical Family: Isoprenoid
Formula: C17 H30 O2
EPA Registration No.: 2724-469
RF Number:

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component (chemical, common name)</u>	<u>CAS Number</u>	<u>Weight</u>	<u>Tolerance</u>
(S)-Hydroprene: (Ethyl(2E,4E,7S)-3,7,11-trimethyl-2,4-dodecadienoate)	65733-18-8	90.6%	Not established
Inert ingredients (non hazardous and/or trade secret):		9.4%	Not established

3. HAZARD INFORMATION

PRECAUTIONARY STATEMENT

Caution: Keep out of the reach of children. Avoid contact with eyes. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

PRIMARY ROUTE OF ENTRY Dermal/Eye: Yes Oral: No Inhalation: No

Due to the unique nature of the product form, acute toxicity hazards are not anticipated.

ACUTE TOXICITY Oral: Not Available
Dermal: Not Available
Inhalation: Not Available

OTHER TOXICOLOGICAL INFORMATION

Skin Irritation: Mild irritant (rabbit)
Eye Irritation: Mild to moderate irritant (rabbit)
Sensitizer: Positive skin sensitization in guinea pigs

4. FIRST AID MEASURES

- Eye:** Flush eyes with plenty of water. Get medical attention if irritation persists.
- Skin:** Wash affected area with soap and water. Get medical attention if irritation persists.
- Ingestion:** Due to the product form, ingestion is unlikely, but if ingestion should occur, give 1-2 glasses of water to drink and induce vomiting by sticking finger down the throat. Repeat until vomitus is clear. Do not induce vomiting in an unconscious individual
- Inhalation:** Remove victim to fresh air
- Note to Physician:** Treat symptomatically

5. FIRE FIGHTING MEASURES

- NFPA Rating:** **Health: 0** **Fire: 2** **Reactivity: 0**
- Flammability Class:** Combustible liquid (active ingredient)
- Flash Point:** 182F/84C
- Explosive Limits (% of Volume):** Not known
- Extinguishing Media:** Water, foam, CO2, dry chemical
- Special Protective Equipment:** Firefighters should wear full protective equipment including self contained breathing apparatus.
- Fire Fighting Procedures:** Normal procedures. Do not allow firefighting water to escape into waterways or sewers.
- Combustion Products:** None known
- Unusual Fire/Explosion Hazards:** None known

6. ACCIDENTAL RELEASE MEASURES

- Steps to be taken:** Due to the product form, the possibilities of a spill are remote, but should one occur, sweep up spill and place in trash collection for disposal.
- Absorbents:** Due to product form, absorbents should not be necessary. If mixed with a liquid, absorb with clay granules, sawdust, dirt or equivalent.
- Incompatibles:** None known

7. HANDLING AND STORAGE

- Handling:** Do not activate device until ready to use. This product may be used in areas where food is handled or prepared. Placements include areas for receiving, storage, packing, edible waste storage, machinery and enclosed processing systems. Serving areas would be considered as a food area. Do not place the device within three feet of any food handling or food preparation area.
- Storage:** Store in cool area away from children.

8. EXPOSURE CONTROL / PERSONAL MEASURES

- Exposure Limits:** Not established
- Ventilation:** Use with adequate ventilation.
- Personal Protective Equipment:** None required. If prolonged exposure is anticipated it is recommended for a handler to wear impervious gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Clear round plastic station with a faint fruity odor.
Boiling Point:	Not known
Melting Point:	Not applicable
Vapor Pressure (mm Hg):	Less than 1 at 25C
Vapor Density (Air = 1):	Not known
Specific Gravity:	0.89 (H ₂ O=1)
Bulk Density:	7.4 lbs/gal
Solubility:	.54 ppm
Evaporation Rate:	Less than butyl acetate
pH:	Not applicable

10. STABILITY AND REACTIVITY

Stability:	Stable
Reactivity:	Not reactive
Incompatibility w/ Other Materials:	None known
Decomposition Products:	None known
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

SUBCHRONIC TOXICITY [Specific to Active Ingredient(s)]

In a 90-day subchronic feeding study in rats, the NOEL was 50 mg/kg/day. Changes in body weight and organ weights were observed at higher dose levels. Maximum tolerated dose (MTD) was suggested to be between 250 and 1,000 mg/kg/day. No immunotoxic effects were observed in a study in mice when (S)-Hydroprene was fed (diet) at dose levels up to and including 1,200 mg/kg/day, continuously for 30 days.

DEVELOPMENTAL/REPRODUCTIVE TOXICITY [Specific to Active Ingredient(s)]

Parental reproductive performance in rats remained unaffected up to a dose level of 7,500 ppm, when evaluated in a 2-generation reproduction/toxicity study. Histologically, all females of 7,500 ppm dose group had cytoplasmic vacuolation in the ovaries and regression of corpora lutea, but without affecting reproductive performance. The NOEL for pup development was 1,500 ppm. No teratogenic or fetotoxic effects were observed in rats when pregnant animals were exposed (gavage) to (S)-Hydroprene at levels up to 1,000 mg/kg/day (highest dose tested) during days 6 to 15 of gestation. NOEL for maternal toxicity was 1,000 mg/kg/day. Minor skeletal anomalies observed at lower dose levels were absent in the high dose animals, indicating an observation unrelated to the dose treatment.

MUTAGENICITY [Specific to Active Ingredient(s)]

(S)-Hydroprene is not a mutagen.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE [Active Ingredients Only]

Hydrolysis:	Not available
Photolysis:	Not available
Soil half life:	Not available
Water solubility:	<2 ppm, emulsifies in water.

ECOTOXICITY [Active Ingredients Only]

Acute Toxicity: fish:Not available; aquatic invertebrates:Not available

13. DISPOSAL CONSIDERATIONS

Wastes resulting from the use of this product may be disposed of on site or at an approved waste management facility.

14. TRANSPORT INFORMATION

DOT49CFR Description: Not regulated under D.O.T.

Freight Classification: Insecticides, N.O.I. o/t poison; NMFC I-102120

15. REGULATORY INFORMATION

RCLA (Superfund): Not regulated

RCRA: Not regulated as hazardous

SARA 311/312 HAZARD CATEGORIES

Immediate Health: Yes (Irritant)

Delayed Health: No

Fire: Yes

Sudden Pressure: No

Reactivity: No

The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all inclusive and the manner and conditions of use and handling may involve other or additional considerations.