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MATERIAL SAFETY DATA SHEET
GENTROL® POINT SOURCE ROACH CONTROL DEVICE

Manufacturer: Wellmark International

Address: 1501 East Woodfield Road, Suite 200-West 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

Component (chemical, common name)	CAS Number	Weight	Tolerance
(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: Hold eye open and flush slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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, CO_2, 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: Do not contaminate water, food, or feed by 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 (H2O=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 use of this product should be disposed of in accordance with all federal, state and local requirements. For additional regulatory information, see section 15 of this document.

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

CERCLA (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.