


HERCON[®]
Environmental
SAFETY DATA SHEET

SECTION I – IDENTIFICATION AND COMPANY INFORMATION

PRODUCT NAME: Black Flag[®] Mosquito Octenol Lure
Target Certain Mosquito species,
Attractant Dispenser for use in Mosquito Traps

SDS Number: E100876 Date: 15 March 2016

Distributor Information: Greenscapes Home & Garden Products
200 Union Avenue SE
Calhoun, GA 30701

For an emergency or more information call 717-764-1192 or the National Pesticide Information, 800-858-7378 between 9:30 am to 7:30 pm Eastern Time. After 7:30 call your poison control Center at 1-800-222-1222.

SECTION II. HAZARDOUS MATERIAL IDENTIFICATION

Hazard symbol: None
Signal Word: None
Hazard Statements: The product does not meet the criteria for classification.
Precautionary Statements:

This laminated dispenser contains 150 mg of 1-octen-3-ol. The dispenser is a solid matrix with the 1-octen-3-ol incorporated in the laminate. Caution should be made when handling the dispenser so as not to make contact with skin or eyes as it may cause irritation.

SECTION III. COMPOSITION AND INFORMATION ON INGREDIENTS

ACTIVE INGREDIENT

COMMON NAME: *Octenol*

CHEMICAL NAME: *1-octen-3-ol*

C.A.S. NUMBER: 3391-86-4

FORMULA: *C₈H₁₆O*

CONSTRUCTION: Laminated PVC controlled release dispenser” *EPA Reg. No. 8730-62-85017*

SECTION IV. FIRST AID MEASURES

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything to an unconscious person.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor immediately for treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor immediately for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor immediately for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu). After 4:30 pm call your poison control center at 1-800-222-1222.

SECTION V. FIRE HAZARD INFORMATION

FLASH POINT: N/A

FLAMMABLE LIMITS in air: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, water fog or spray *Carbon dioxide, foam*

SPECIAL FIRE FIGHTING PROCEDURES: *If involved in fire, use air-supplied equipment. Do not inhale fumes. Wear full protective equipment and NIOSH approved pressure demand, self contained breathing apparatus*

UNUSUAL FIRE AND EXPLOSION HAZARDS: *When burned the hazardous decomposition products that will result because of incomplete combustion include carbon monoxide, other unidentified products of hydrocarbon degradation, No_x, low level cyanides and hydrogen chloride.*

SECTION VI. ACCIDENTAL RELEASE MEASURE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: *If product has spilled pick up or sweep up the dispensers. Place unpouched product in tightly sealed containers. Keep out of water sources and sewers. Dispose of at an approved waste facility.*

SECTION VII. HANDLING AND STORAGE

GENERAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: *Store in sealed containers in a cool, dry place and away from open flames. To maintain product integrity protect from high temperatures. Keep container closed. Launder contaminated clothing before use. Wear protective equipment described above if exposure conditions warrant. Do not contaminate water sources, food or feed. Waste resulting from the use of this product must be disposed on site or at an approved waste disposal facility.*

SECTION VIII. PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: *Usually none required when handling individual dispensers.*

EYE PROTECTION: *Usually none required*

VENTILATION: *Good general ventilation should be sufficient.*

PROTECTIVE GLOVES: *None required but vinyl, latex or rubber gloves recommended for continuous handling.*

OTHER PROTECTIVE EQUIPMENT: *None under normal usage.*

NOTE: *Personal protection information shown above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.*

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES

BULK DENSITY: N/A

SPECIFIC GRAVITY/25⁰C: 0.9

MELTING POINT: 300⁰F

BOILING POINT: N/A

FREEZING PT: N/A

pH: N/A

PERCENT VOLATILE by volume: *None specified*

ODOR DESCRIPTION: *Mild*

VAPOR DENSITY (AIR = 1): N/A

VAPOR PRESSURE (20⁰C, mm HG): *Not determined*

SOLUBILITY IN WATER: *Insoluble*

PERCENT ACTIVE IN PRODUCT: 6.3%

SECTION X: STABILITY AND REACTIVITY

PRODUCT STABILITY: UNSTABLE _____ STABLE X

HAZARDOUS POLYMERIZATION: May Occur _____ May Not Occur X

CONDITIONS TO AVOID: Do not store near easily ignited chemicals and materials or open flames.

MATERIAL TO AVOID: Strong oxidizing agents HAZARDOUS DECOMPOSITION PRODUCTS: On combustion, the polymeric dispensers may produce CO, CO₂, HCL and CL₂.

SECTION XI TOXICOLOGICAL INFORMATION

The end product has not been tested however the hazards have been estimated based on the known component information.

Information on likely routes of exposure

Inhalation : Harmful if inhaled.

Skin contact: Causes skin irritation.

Eye contact: Causes serious eye irritation.

Ingestion: Harmful if swallowed.

Acute Effects:

Oral LD50 > 175 mg/kg Rat, for 3-octen-1-ol, however a solubility study was conducted with the dispenser showing that 7-mg/l of octenol had migrated into the saline solution after 30 minutes.

Inhalation LC50 – no data available

Dermal LD50- no data available for dispenser, however 1-octen-3-ol: >3300mg/kg Rabbit

Skin corrosion/irritation : mild to severe

Serious eye damage: no data available for dispenser, however 1-octen-3-ol can cause serious eye irritation.

Respiratory or skin sensitization: Not a respiratory sensitizer

Germ Cell mutagenicity : not mutagenic

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity: not expected to cause reproductive or developmental effects

Teratogenicity : no data available

Aspiration hazard: Not an aspiration hazard.

Potential health effects: Most likely route of the entry is through the skin, harmful if swallowed, absorbed through the skin or inhaled. Could be Irritaitating to skin and cause eyes to burn

Synergistic effects: no data available

Additional Information: Use appropriate procedures to prevent direct contact with skin or eyes and prevent inhalation. No significant toxicity is expected

SECTION XII: ECOLOGICAL INFORMATION

The ecotoxicological effects of this product have not been evaluated, however the active ingredient 1-Octen-3-ol is very toxic to aquatic life

Chemical Fate Information No data available.

SECTION XIII: DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of onsite or at an approved disposal facility. **CONTAINER DISPOSAL:** Plastic bag: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or incinerate or if allowed by state or local authorities, by burning. If burned stay out of smoke. Cardboard Box [when used as outside packaging]: Dispose of outside cardboard box in sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned stay out of smoke

SECTION XIV: TRANSPORTATION INFORMATION

Ground Transport (DOT)
Biopesticide

SECTION XV: REGULATORY INFORMATION

OSHA Classification: Non-Hazardous
TSCA Status: Not listed on TSCA
CERCLA: Not subject to reporting requirements
RCRA: Non-hazardous
SARA Title III: Not reportable
313 Reportable Ingredients: None
Clean Air Act Ozone Depleting Chemical Substances: None
Clean Air Act Hazardous Air Pollutants: None
Volatile Organic Compounds: None
USDA Status: EPA Reg. No. 8730-62

This product is not intended for use where it is directly applied to food products

SECTION XVI OTHER INFORMATION

SDS NUMBER ,E100876 DATE ISSUED: 29 September 2002
BY: Priscilla MacLean DATE REVISED: 14 March, 2016
TITLE: Product Development Manager Replaces 26 October, 2010

WARRANTY AND LIMITATION OF DAMAGES

Hercon Environmental warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use to the extent allowed by state law. Hercon neither makes, nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, expressed or implied concerning this material except as stated above. This warranty does not extend to the use of this product contrary to the label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Hercon Environmental. If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable as determined by Hercon, refund of the purchase price. To the extent allowable by law, Hercon's maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no case will Hercon be liable for incidental, consequential or special damages resulting from handling, storage, use, misuse or abuse of this product.