

SAFETY DATA SHEET



Date Issued : 1/28/2019

SDS No : Vexer1

VEXER INSECTICIDE

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: VEXER INSECTICIDE

ACTIVE INGREDIENT(S): 3-Methoxy-2-methylbenzoic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide

DISTRIBUTOR

Innvictis Crop Care, LLC
1880 Fall River Drive, Suite 100
Loveland, CO 80538

24 HR. EMERGENCY TELEPHONE NUMBERS

24-Hour Emergency Assistance Call: 1-800-222-1222
Chemical Emergency Call CHEMTREC: 1-800-424-9300

EPA REG. NO.: 91234-62-89391

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Dermal), Category 5
Skin Irritation, Category 3
Eye Irritation, Category 2B

GHS LABEL

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H313: May be harmful in contact with skin.
H316: Causes mild skin irritation.
H320: Causes eye irritation.

PRECAUTIONARY STATEMENTS

Prevention:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
P264: Wash hands, face and other affected areas thoroughly after handling.

Response:

P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

POTENTIAL HEALTH EFFECTS

EYES: Causes mild eye irritation

SKIN: Causes mild skin irritation.

INHALATION: 0.9 g/ml was the maximum attainable concentration, the LC50 is greater than that level.

REPRODUCTIVE TOXICITY

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REPRODUCTIVE EFFECTS: Animal testing showed no reproductive toxicity for the technical grade material.

TERATOGENIC EFFECTS: Technical grade material did not cause birth defects or any other fetal effects in laboratory animals.

CARCINOGENICITY: Not Listed

MUTAGENICITY: No evidence of mutagenic effects found for the technical grade material.

SENSITIZATION: Not a skin sensitizer.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
3-Methoxy-2-methylbenzoic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide	21.9 - 23.3	161050-58-4

4. FIRST AID MEASURES

EYES: Hold eyes 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 eyes. Call a poison control center or doctor for treatment advice.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Call a POISON CENTER /doctor/physician if you feel unwell.

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

ADDITIONAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor, or going in for treatment.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Flash Point is >200 F.

EXTINGUISHING MEDIA: Dry chemical, CO₂, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to: Oxides of Carbon and Nitrogen

FIRE FIGHTING PROCEDURES: Evacuate area and fight fire upwind a safe distance to avoid hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up spilled liquid with absorbent material and sweep up for disposal. Place it and damaged unusable containers in a container suitable for chemical waste. Check local, state, and federal regulations for proper disposal and follow those regulations.

LARGE SPILL: Immediately dike around the spill area to prevent spreading. Pick up spilled material with suitable absorbent material and place in appropriate container for disposal. Scrub the contaminated area with a detergent or soap solution. Check local, state, and federal regulations for proper disposal.

SPECIAL PROTECTIVE EQUIPMENT: Always wear proper protective equipment when handling this product.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Wash hands after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

HANDLING: Avoid breathing vapors and mists. Avoid prolonged contact with skin and eyes.

STORAGE: Store in a cool, dry place in original container in a locked storage area above 32°F and inaccessible to children, pets,

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domestic animals or wildlife.

STORAGE TEMPERATURE: Store above 32°F

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

PERSONAL PROTECTIVE EQUIPMENT

PROTECTIVE CLOTHING: PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear: - Long sleeved shirt and long pants, - Chemical-resistant gloves made of Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Polyvinyl Chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils, - Shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

OTHER USE PRECAUTIONS: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Mildly sweet

APPEARANCE: Opaque

COLOR: White

pH: 4 to 5

PERCENT VOLATILE: Not Available

FLASH POINT AND METHOD: $>$ (212°F) Closed cup

FLAMMABLE LIMITS: Not Applicable

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

FREEZING POINT: \geq (32°F)

MELTING POINT: Not Available

POUR POINT: Not Available

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Not Available

EVAPORATION RATE: Not Available

DENSITY: 8.76 lbs./gal

SPECIFIC GRAVITY: \sim 1.05 g/mL

VISCOSITY: Non-Newtonian fluid

OXIDIZING PROPERTIES: Do not mix or allow to come into contact with oxidizing agents. Hazardous chemical reaction may occur.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal use and storage conditions.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

INCOMPATIBLE MATERIALS: Oxidizing agents.

11. TOXICOLOGICAL INFORMATION

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ACUTE**DERMAL LD₅₀:** > 2000 mg/kg**ORAL LD₅₀:** > 5000 mg/kg**INHALATION LC₅₀:** > 0.9 mg/L (Rat)(4-Hour)**Notes:** Greater than the maximum attainable concentration.**EYE EFFECTS:** May cause mild irritation**SKIN EFFECTS:** May cause mild skin irritation.**CARCINOGENICITY**

Chemical Name	NTP Status	IARC Status
3-Methoxy-2-methylbenzoic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide	Not Listed	Not Listed

IARC: Not Listed**NTP:** Not Listed**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** Methoxyfenozide has properties and characteristics associated with chemicals detected in groundwater. Methoxyfenozide can contaminate surface water through spray drift.**AQUATIC TOXICITY (ACUTE)****96-HOUR LC₅₀:** > 130 mg/l (Bluegill)**48-HOUR EC₅₀:** > 100 mg/L Daphnia**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Improper disposal of excess spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.**EMPTY CONTAINER:** Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not regulated for ground transportation by US D.O.T.**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Not Listed**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**313 REPORTABLE INGREDIENTS:** None**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** Not Listed**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA RQ:** None**GENERAL COMMENTS: PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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CAUTION. Harmful if inhaled. Harmful if absorbed through skin. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

16. OTHER INFORMATION

REASON FOR ISSUE: New Product

PREPARED BY: Lighthouse Product Services LLC

MANUFACTURER DISCLAIMER: *This information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Manufacturer, Supplier or Distributor be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, how so ever arising, even if company has been advised of the possibility of such damages.*