

SAFETY DATA SHEET



Date Issued : 11/29/2017

SDS No : Proventix

Proventix 75 WDG

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Proventix 75 WDG

PRODUCT DESCRIPTION: Herbicide

CHEMICAL FAMILY: Sulfonylurea

DISTRIBUTOR

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

24 HR. EMERGENCY TELEPHONE NUMBERS

ChemTrec 1-800-424-9300

EPA REG. NO.: 91234-31-89391

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 4

Skin Irritation, Category 3

Eye Irritation, Category 2B

GHS LABEL



Exclamation mark Environment

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H302: Harmful if swallowed.

H316: Causes mild skin irritation.

H320: Causes eye irritation.

H400: Very toxic to aquatic life.

H401: Toxic to aquatic life.

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.

P270: Do not eat, drink or smoke when using this product.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P273: Avoid release to the environment.

Response:

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P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330: Rinse mouth.

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.

P391: Collect spillage.

Disposal:

P501: Dispose of contents/container to Local, State and Federal Regulations.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation

SKIN: None Expected.

SKIN ABSORPTION: None Expected.

INGESTION: Harmful if swallowed

INHALATION: None Expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Halosulfuron-methyl	75	100784-20-1

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: Remove contaminated clothing. Rinse skin immediately with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

INHALATION: Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

ADDITIONAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor, or going in for treatment. For emergency medical assistance call **CHEMTREC 1-800-424-9300**.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not Applicable

GENERAL HAZARD: This product can burn under fire conditions. Toxic fumes may be emitted in a fire situation.

EXTINGUISHING MEDIA: Dry Chemical, CO₂, Water Spray, or Foam. For large fires DO NOT use straight streams.

HAZARDOUS COMBUSTION PRODUCTS: Toxic fumes may be emitted in a fire situation.

FIRE FIGHTING PROCEDURES: Evacuate area and fight fire upwind a safe distance to avoid hazardous vapors and decomposition products. Use as little water as possible and use dry chemical, foam, or CO₂ and avoid heavy hose streams to prevent runoff. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Water mist may be ineffective, but may be used to cool closed containers.

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: Contain material. If material is not contaminated with other materials the product may still be viable for use. Sweep up spilled material which is contaminated and place it and damaged unusable containers in a container appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

LARGE SPILL: Contain material. If material is not contaminated with other materials the product may still be viable for use. Sweep

up spilled material which is contaminated and place it and damaged unusable containers in a container appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.

GENERAL PROCEDURES: Contain material and dispose as waste. Place it and any damaged unusable containers in a landfill appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

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 contact with eyes, skin or clothing.

STORAGE: Store in a cool dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Handle and open container in a manner as to prevent spillage.

STORAGE TEMPERATURE: Ambient

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Facilities storing or utilizing this product should be equipped with an eye wash station and safety shower.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical goggles or shielded safety glasses when handling and mixing product.

SKIN: Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing (i.e., shirts and pants)

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: Faint

APPEARANCE: Granule

COLOR: White

pH: ~ 9 to 10

Notes: 1% Solution

PERCENT VOLATILE: Not Available

FLASH POINT AND METHOD: Not Applicable

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

FREEZING POINT: Not Applicable

MELTING POINT: Not Applicable

POUR POINT: Not Applicable

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not Applicable

DENSITY: 0.55 - 0.6 g/m³

SPECIFIC GRAVITY: Not Applicable

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VISCOSITY: Not Applicable**10. STABILITY AND REACTIVITY****STABLE:** Yes**HAZARDOUS POLYMERIZATION:** No**STABILITY:** Stable under normal use and storage conditions.**POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** Heat, open flame, sparks and static electricity.**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may release oxides of carbon, nitrogen, and sulfur as well as hydrogen chloride gas.**INCOMPATIBLE MATERIALS:** Oxidizing agents, acids**11. TOXICOLOGICAL INFORMATION****ACUTE****DERMAL LD₅₀:** > 5000 mg/kg**ORAL LD₅₀:** > 1250 mg/kg**INHALATION LC₅₀:** > 5.2 mg/L**EYE EFFECTS:** Causes moderate eye irritation**SKIN EFFECTS:** Causes mild skin irritation.**CARCINOGENICITY**

Chemical Name	NTP Status	IARC Status
Halosulfuron-methyl	Not Listed	Not Listed

IARC: Not Listed**NTP:** Not Listed**OSHA:** Not Listed**REPRODUCTIVE EFFECTS:** Not Determined**MUTAGENICITY:** No evidence of mutagenic effects during in vivo or in vitro studies.**12. ECOLOGICAL INFORMATION**

ENVIRONMENTAL DATA: This pesticide is toxic to non-target vascular plants. This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Halosulfuron-methyl is known to leach through soil into ground water under certain conditions as a result of label use. **The following information is for the active ingredient, Halosulfuron:**

AQUATIC TOXICITY (ACUTE)**96-HOUR LC₅₀:** > 118 mg/L (Rainbow Trout)**48-HOUR EC₅₀:** > 107 mg/L Daphnia**96-HOUR EC₅₀:** > 131 mg/L (Bluegill Sunfish)**Notes:** Algae (5d EC₅₀): (green) 0.0053 mg/L (blue-green) 0.158 mg/L**AVIAN TOXICITY** Bobwhite Quail (oral LD₅₀): > 2250 mg/kg Mallard Duck/Quail (Dietary LC₅₀): > 5620 ppm**OTHER TOXICITY** Bees: LD₅₀ (dermal): > 100 µg/bee**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is

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a violation of Federal law. If these wastes cannot be disposed of by use according to the 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: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated by DOT

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

313 REPORTABLE INGREDIENTS: Not Listed

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS	Comments
Halosulfuron-methyl	75	100784-20-1	None

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Halosulfuron-methyl	75	None

CERCLA RQ: No reportable quantity.

GENERAL COMMENTS:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

16. OTHER INFORMATION

REASON FOR ISSUE: New Product

PREPARED BY: Lighthouse Product Services LLC

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