

SAFETY DATA SHEET



Date Issued : 4/17/2020

SDS No : FEVER HERBICIDE

FEVER HERBICIDE

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FEVER HERBICIDE

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.: 7969-448-89391

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Inhalation), Category 4
Acute Toxicity (Oral), Category 4
Eye Damage, Category 2A
Skin Sensitization, Category 1
Reproductive Toxicity, Category 1B (Fertility)
Reproductive Toxicity, Category 1B (Unborn child)
Target Organ Toxicity (Repeated exposure), Category 2

GHS LABEL



Exclamation
mark



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.
H373: May cause damage to organs through prolonged or repeated exposure.
H360: May damage fertility or the unborn child [state specific effect if known] [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard].
H302: Harmful if swallowed.
H332: Harmful if inhaled.

PRECAUTIONARY STATEMENTS

General:

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.

Prevention:

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P280: Wear protective gloves/protective clothing/eye protection/face protection.

P271: Use only outdoors or in a well-ventilated area.

P260: Do not breathe mist, vapors or spray.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P272: Contaminated work clothing should not be allowed out of the workplace.

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

P264: Wash hands, face and other affected areas thoroughly after handling.

Response:

P309+P311: IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P314: Get medical advice/attention if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P330: Rinse mouth.

P362: Take off contaminated clothing and wash before reuse.

P337+P313: If eye irritation persists: Get medical advice/attention.

Storage:

P405: Store locked up.

Disposal:

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Glufosinate Ammonium	24.5	77182-82-2
Polyethyleneglycolmonoalkylethersulphate, sodium salt	22.1	68891-38-3
Alkyl Polyglycoside	6.2	68515-73-1
Propylene Glycol Monomethyl Ether	1	107-98-2

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: Immediately wash skin with plenty of water while removing contaminated clothing. Always wash clothing according to manufacturer's instructions prior to reuse.

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: Move individual to fresh air. If individual is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.

NOTES TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Hazards during fire may include carbon monoxide, carbon dioxide, nitrous gases, sulfur oxides.

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

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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

LARGE SPILL: Dike spillage. Pick up with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

GENERAL PROCEDURES: DO NOT apply directly to water or to areas where surface water is present. DO NOT apply to intertidal areas below the mean high water mark. DO NOT contaminate water by cleaning of equipment or disposal of equipment washwaters or rinsate.

This pesticide is toxic to vascular plants and should be used strictly in accordance with the drift and runoff precautions on this label in order to minimize off-site exposures.

Under some conditions, this product may have a potential to run off to surface water or adjacent land. Where possible, use methods which reduce soil erosion, such as no till, limited till and contour plowing; these methods also reduce pesticide runoff. Use of vegetation filter strips along rivers, creeks, streams, wetlands, etc. or on the downhill side of fields where runoff could occur to minimize water runoff is recommended.

RELEASE NOTES: Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

7. HANDLING AND STORAGE

HANDLING: RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect against heat. Protect contents from the effects of light. Protect from air. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Avoid aerosol formation. Provide means for controlling leaks and spills. Do not return residues to the storage containers. Follow label warnings even after container is emptied. The substance/product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

STORAGE: Segregate from foods and animal feeds. Keep away from heat. Protect from direct sunlight.

STORAGE TEMPERATURE: Store at 40°F or above.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
		EXPOSURE LIMITS	
		ACGIH TLV	
Chemical Name		ppm	mg/m ³
Propylene Glycol Monomethyl Ether	TWA	100	369
	STEL	150	553

ENGINEERING CONTROLS: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

PERSONAL PROTECTIVE EQUIPMENT

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

SKIN: All mixers, loaders, applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks and

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chemical-resistant gloves. Some of the materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and Viton.

RESPIRATORY: Work in a well ventilated area to avoid potential respiratory tract irritation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
Propylene Glycol Monomethyl Ether	90

PHYSICAL STATE: Liquid

ODOR: Characteristic

COLOR: Red

pH: ~ 6 to 8

PERCENT VOLATILE: No data available.

FLASH POINT AND METHOD: > (200 °F)

FLAMMABLE LIMITS: Based on the water content this product does not ignite.

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Determined

FREEZING POINT: ~ (32 °F)

MELTING POINT: Not Determined

POUR POINT: Not Determined

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Miscible

EVAPORATION RATE: Not Applicable

DENSITY: ~ 9.59 lbs./gal.

SPECIFIC GRAVITY: ~ 1.15 g/cm³

VISCOSITY #1: ~ 100 to 300 mPa s at 20°C

MOLECULAR WEIGHT: Not Available

OXIDIZING PROPERTIES: No components in this product are classified as oxidizers.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal use and storage conditions.

HAZARDOUS DECOMPOSITION PRODUCTS:

No decomposition if stored and handled as prescribed/indicated.

INCOMPATIBLE MATERIALS: Strong bases, acids and oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀	INHALATION LC ₅₀
Propylene Glycol Monomethyl Ether	5660	13000	15000

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DERMAL LD₅₀: > 2000 mg/kg (Rat)

ORAL LD₅₀: 300-2000 mg/kg (Rat)

INHALATION LC₅₀: > 2.1 mg/L (Rat)(4-Hour)

EYE EFFECTS: Causes eye irritation.

SKIN EFFECTS: Slightly Irritating

SENSITIZATION: This product is considered to be a skin sensitizer.

TARGET ORGANS: Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: DO NOT apply directly to water or to areas where surface water is present . DO NOT apply to intertidal areas below the mean high water mark . DO NOT contaminate water by cleaning of equipment or disposal of equipment washwaters or rinsate .

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 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:** Yes

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: 1-methoxypropan-2-ol (CAS No. 107-98-2) RQ = 100 lbs

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Alkyl Polyglycoside	68515-73-1
Propylene Glycol Monomethyl Ether	107-98-2

GENERAL COMMENTS: EPA LANGUAGE FROM THE LABEL

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING. Causes substantial but temporary eye injury . Harmful if absorbed through skin . Harmful if swallowed . DO NOT get in eyes, on skin, or on clothing . Wear protective eyewear (goggles, face shield, or safety glasses) . Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals . 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 use .

16. OTHER INFORMATION

REASON FOR ISSUE: New Product

FEVER HERBICIDE

PREPARED BY: Lighthouse Product Services LLC

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