

SAFETY DATA SHEET



Date Issued : 1/9/2020
 SDS No : FEVER
 Date Revised : 4/6/2020
 Revision No : 2

FEVER

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FEVER

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.: 89168-80-89391

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 5
 Acute Toxicity (Dermal), Category 5
 Acute Toxicity (Inhalation), Category 2
 Skin Irritation, Category 3
 Eye Irritation, Category 2B
 Skin Sensitization, Category 1

Physical:

Flammable Liquids, Category 4

GHS LABEL



Skull and
crossbones



Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H303: May be harmful if swallowed.
 H313: May be harmful in contact with skin.
 H330: Fatal if inhaled.
 H316: Causes mild skin irritation.
 H320: Causes eye irritation.
 H317: May cause an allergic skin reaction.
 H226: Flammable liquid and vapour.

PRECAUTIONARY STATEMENTS

Prevention:

P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.

FEVER

- P103: Read label before use.
 P260: Do not breathe fumes, gas, mist, vapours or spray.
 P271: Use only outdoors or in a well-ventilated area.
 P284: Wear respiratory protection.
 P264: Wash hands, face and other affected areas thoroughly after handling.
 P261: Avoid breathing mist, vapors or spray.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P210: Keep away from heat, sparks, flames, and hot surfaces. – No smoking.

Response:

- P312: Call a POISON CENTER or doctor/physician if you feel unwell.
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P310: Immediately call a POISON CENTER or doctor/physician.
 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.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P321: Specific treatment see Section 4, First Aid Measures, on this SDS.
 P362: Take off contaminated clothing and wash before reuse.

Storage:

- P403+P235: Store in a well-ventilated place. Keep cool.
 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 | 23.77 - 25.24 | 77182-82-2 |
| Other Ingredients | 71.66 - 76.76 | Mixture |

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:** 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.

5. FIRE FIGHTING MEASURES

- FLAMMABLE CLASS:** Combustible
- GENERAL HAZARD:** Combustible liquid. This product will burn under fire conditions. Toxic fumes may also be emitted in a fire situation.
- EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide, water spray or fog.
- EXPLOSION HAZARDS:** Containers may expand and burst at elevated temperatures. Can burn in fire, releasing irritating and toxic gasses due to thermal decomposition or combustion.
- FIRE FIGHTING PROCEDURES:** Evacuate area and fight fire upwind a safe distance to avoid hazardous vapors and

FEVER

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.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce gases such as oxides of carbon and nitrogen.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Immediately pick up spilled liquid with absorbent material and sweep up for disposal. Place it and damaged unusable containers in a landfill appropriate for non hazardous chemical waste. Wash the contaminated area with detergent and soap solution. Check local, state, and federal regulations for proper disposal.

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.

7. HANDLING AND STORAGE

HANDLING: Avoid breathing vapors or spray mist. Wash hands after handling, 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.

STORAGE: Do not store below temperature of 32°F or above 100 °F. Store in original container in a well-ventilated area separately from fertilizer, feed, and foodstuffs . Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength.

STORAGE TEMPERATURE: Store above 32°F

LOADING TEMPERATURE: Not Available

LOADING/UNLOADING VISCOSITY: Not Available

STORAGE PRESSURE: Not Available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Do not get this material in your eyes. Eye contact can be avoided by wearing protective eyewear.

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

RESPIRATORY: Use this material only in well ventilated areas. If operating conditions result in airborne concentrations of this material, the use of an approved respirator is recommended.

PROTECTIVE CLOTHING: Eye protection, long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mildly sweet

APPEARANCE: Transparent

COLOR: Yellow

pH: ~ 8.0

PERCENT VOLATILE: No data available.

FLASH POINT AND METHOD: (145 °F)

AUTOIGNITION TEMPERATURE: No data available.

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

FEVER

BOILING POINT: Not Available

FREEZING POINT: Not Available

MELTING POINT: Not Available

POUR POINT: Not Available

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Not Available

EVAPORATION RATE: Not Available

DENSITY: ~ 9.05 lbs/gal

SPECIFIC GRAVITY: ~ 1.085 g/mL

VISCOSITY #1: 17.5 cps at 26 °C Capillary

VISCOSITY #2: 10.4 cps Capillary

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.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Combustible liquid. Avoid extreme heat, open flames, spark and other ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: May emit oxides of carbon and nitrogen.

INCOMPATIBLE MATERIALS: Avoid strong oxidizers, acids and bases.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Moderately irritating to eyes.

DERMAL LD₅₀: > 2000 mg/kg (Rat)

ORAL LD₅₀: < 3000 mg/kg (Rat)

INHALATION LC₅₀: > 3.1 mg/L (Rat)(4-Hour)

EYE EFFECTS: Moderately irritating to eyes.

SKIN EFFECTS: May cause skin irritation.

SUBCHRONIC: Glufosinate-ammonium was well tolerated in the rat but less well tolerated in the dog in subchronic studies.

Glufosinate-ammonium has demonstrated effects on the central nervous system at high dose levels in standard toxicity studies using laboratory animals.

CARCINOGENICITY

Notes: Not listed in OSHA, NTP, IARC or ACGIH

SENSITIZATION: This product may cause an allergic skin reaction.

GENETIC EFFECTS: Glufosinate-ammonium was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

REPRODUCTIVE EFFECTS: Implantation loss occurred at high dose levels in a rat multigeneration study with glufosinate-ammonium. There were no effects on male fertility

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 wash waters or rinsate. This pesticide is toxic to vascular plants and must be used strictly in accordance with the drift and run-off precautions on this label 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

FEVER

plowing; these methods also reduce pesticide run-off. Use of vegetation filter strips along rivers, creeks, streams, wetlands, etc. or on the downhill side of fields where run-off could occur to minimize water runoff is advised.

AQUATIC TOXICITY (ACUTE): No data available for the formulated product.

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:

<119 Gallons: Not regulated by DOT

>119 Gallons: NA 1993, Combustible liquid, N.O.S. (Glycol), Comb Liq, III

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

313 REPORTABLE INGREDIENTS: Not Listed

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not Listed

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components of this product are listed under the regulation of the Toxic Substance Control Act or are exempt from TSCA and are subject to FIFRA.

CALIFORNIA PROPOSITION 65: Not Listed

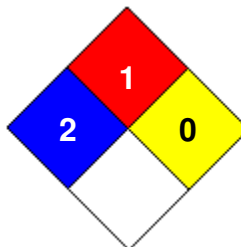
16. OTHER INFORMATION

REASON FOR ISSUE: New Product

PREPARED BY: Lighthouse Product Services, LLC

REVISION SUMMARY: This SDS replaces the 1/22/2020 SDS. Revised: **Section 1:** EPA REG. NO..

NFPA CODES



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.*