Thrive 8-21-6

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Thrive 8-21-6
GENERIC NAME: Nutritional

DISTRIBUTOR
Innvictis Crop Care, LLC
4850 Hahns Peak Drive, Suite 200
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

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS
Health:
- Acute Toxicity (Oral), Category 5
- Acute Toxicity (Dermal), Category 5
- Acute Toxicity (Inhalation), Category 5
- Skin Irritation, Category 3
- Eye Irritation, Category 2B

GHS LABEL
SIGNAL WORD: WARNING

HAZARD STATEMENTS
H303: May be harmful if swallowed.
H313: May be harmful in contact with skin.
H333: May be harmful if inhaled.
H316: Causes mild skin irritation.
H320: Causes eye irritation.

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

Response:
- P312: Call a POISON CENTER or doctor/physician if you feel unwell.
- P304+P312: IF INHALED: 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.

CANCER STATEMENT: None listed in OSHA, NTP, IARC, or ACGIH
SENSITIZATION: Not a skin sensitizer.

COMMENTS HEALTH: Read all precautions of products being handled and follow the most restrictive language for all products to provide the safest work environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea, Potassium Nitrate, Ammonium Polyphosphate, Potassium Phosphate, and Zinc EDTA solution</td>
<td>100</td>
<td>Mixture</td>
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</tbody>
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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: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: Immediately seek medical attention. Give large amounts of water and induce vomiting by touching the back of the throat with a finger, unless the victim is unconscious. Call a poison control center or doctor for further treatment advice.

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.

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.

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

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

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

HAZARDOUS COMBUSTION PRODUCTS: Normal combustion forms carbon dioxide, water vapor and may produce oxides of carbon, nitrogen and phosphorous.

EXPLOSION HAZARDS: No specific explosion hazards are identified or expected. Always fight fire with the implication that other volatile substances may be present.

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. Explosive vapor could form from ruptured containers. 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 landfill appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

LARGE SPILL: Dike around the spill area to prevent spreading. Pick up spilled material with suitable absorbent material and place in appropriate container for disposal. Place it and unusable containers in a landfill appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not contaminate any body of water.

LAND SPILL: Avoid runoff onto any adjacent land.

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

7. HANDLING AND STORAGE
HANDLING: 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: Store in a cool, dry place. Keep containers tightly closed. Store in original container. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal wastes or by the cleaning of equipment. Do not store near feed or food products. Do not use or store near open flame or with oxidizing agents.

STORAGE TEMPERATURE: (0°F) Minimum to (120°F) Maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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 (ANSI Z87.1 or approved equivalent) when handling and mixing product. Contact lenses should not be worn when working with chemicals.

SKIN: Wear chemical resistant gloves such as Viton or barrier laminate, Coveralls over long-sleeved shirt, long pants and chemical resistant footwear plus socks. Chemical resistant headgear for overhead exposure. When exposed to product concentrate, wear a chemical resistant apron. Always refer to the label of the pesticide(s) in the tank mix and follow the most restrictive requirements.

RESPIRATORY: Work in a well ventilated area. Avoid exposure to airborne contaminants. Wear a NIOSH/MSHA approved dust mask or filter when vapors or dust are generated above the permissible limit.

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.

OTHER USE PRECAUTIONS: Avoid contact with skin, eyes, and clothing. Avoid breathing vapors. Wash thoroughly after handling product. Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk from the work area per ANSI Z358.1-1990

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Musty
APPEARANCE: Liquid
COLOR: Brown
pH: 6 to 7
PERCENT VOLATILE: Not Established
FLASH POINT AND METHOD: Not Established
AUTOIGNITION TEMPERATURE: Not Established
VAPOR PRESSURE: Not Established
VAPOR DENSITY: Not Established
BOILING POINT: Not Established
FREEZING POINT: Not Established
MELTING POINT: Not Established
POUR POINT: Not Established
THERMAL DECOMPOSITION: Not Established
SOLUBILITY IN WATER: Soluble
EVAPORATION RATE: Not Established
DENSITY: 11.39 lbs/gal.
SPECIFIC GRAVITY: Not Established
VISCOSITY: Not Established
10. STABILITY AND REACTIVITY

STABLE: Yes
HAZARDOUS POLYMERIZATION: No
POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Excessive heat and open flames.
INCOMPATIBLE MATERIALS: Strong oxidizers such as nitrates, nitrites or chlorates can cause explosive mixtures if heated to dryness. Avoid contact with Acids or acid materials. This product may not be compatible with copper, zinc or their alloys (i.e. bronze, brass, galvanized metals, etc.). These materials of construction should not be used in piping, handling systems or storage containers for this product.

11. TOXICOLOGICAL INFORMATION

ACUTE
DERMAL LD_{50}: Not Established
Notes: May be harmful in contact with skin.
ORAL LD_{50}: Not Established
Notes: May be harmful if swallowed.
INHALATION LC_{50}: Not Established
Notes: May be harmful if inhaled.
EYE EFFECTS: Causes eye irritation.
SKIN EFFECTS: Causes mild skin irritation.
CARCINOGENICITY
Notes: Not listed in OSHA, NTP, IARC or ACGIH
SENSITIZATION: Not a contact sensitizer

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Ecotoxicity information is not available. This product is not for use in aquatic settings.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: 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
PRIMARY HAZARD CLASS/DIVISION: Not regulated by DOT
UN/NA NUMBER: None
PACKING GROUP: None
PLACARDS: None
LABEL: None

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: Not Listed

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA REGULATORY: Not Listed

16. OTHER INFORMATION

REASON FOR ISSUE: New Product

NFPA CODES

GENERAL STATEMENTS: DISCLAIMER AND LIMITATION OF LIABILITY

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