

# SAFETY DATA SHEET

Issuing Date: 23-Jun-2020

Revision Date: Initial

Doc #: 090.757 Version Number: 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** UltraShield® Green Natural Fly Repellent

### Other means of identification

**Synonyms** None SKU#:

### Recommended use of the chemical and restrictions on use

**Recommended Use** Flea or Tick repellent - liquid

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Name** W. F. Young, Inc.

**Supplier Address** 302 Benton Drive  
East Longmeadow  
MA  
01028  
US

**Supplier Phone Number** Phone:413-526-9999  
Fax:413-526-8990

**Supplier Email** SDS@wfyong.com

### Emergency telephone number

**Company Emergency Phone Number** 800-628-9653

**2. HAZARDS IDENTIFICATION**

**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Empty rectangular box for classification details.

**GHS Label elements, including precautionary statements**

**Emergency Overview**

|                          |   |
|--------------------------|---|
| <b>Signal word</b>       | <b>Warning</b>                          |
| <b>Appearance</b> Cloudy | <b>Physical state</b> Pump Spray Liquid |
|                          | <b>Odor</b> Herbal Basil Type           |

**Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

**Fire**

In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0 % of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Harmful to aquatic life with long lasting effects  
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION  
May cause slight eye irritation

**Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No  | Weight-% | Trade Secret |
|---------------|---------|----------|--------------|
| Glycerin      | 56-81-5 | 7 - 13   | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

#### First aid measures

**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin contact** Wash with soap and water.

**Inhalation** Remove to fresh air.

**Ingestion** Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

**Self-protection of the first aider**

#### Most important symptoms and effects, both acute and delayed

**Most Important Symptoms and Effects** No information available.

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam. Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray.

### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### Protective equipment and precautions for firefighters

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

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### **Personal precautions**

Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material.

### Environmental precautions

#### **Environmental precautions**

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

#### **Methods for cleaning up**

Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Take precautionary measures against static discharges.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

| Chemical name | ACGIH TLV                      | OSHA PEL   | NIOSH IDLH |
|---------------|--------------------------------|--|------------|
| Glycerin      | TWA: 10 mg/m <sup>3</sup> mist | TWA: 15 mg/m <sup>3</sup> mist, total particulate<br>TWA: 5 mg/m <sup>3</sup> mist, respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate<br>(vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction |            |

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties**

|                       |                          |                       |                          |
|-----------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b> | Pump Spray, Liquid       | <b>Odor</b>           | Herbal Basil Type        |
| <b>Appearance</b>     | Cloudy                   | <b>Odor Threshold</b> | No information available |
| <b>Color</b>          | No information available |                       |                          |

| <u>Property</u>                               | <u>Values</u>      | <u>Remarks</u> | <u>Method</u> |
|---|--------------------|----------------|---------------|
| <b>pH</b>                                     | 5.5 – 6.5          | None known     |               |
| <b>Melting / freezing point</b>               | No data available  | None known     |               |
| <b>Boiling point / boiling range</b>          | 100 °C / 212 °F    | None known     |               |
| <b>Flash Point</b>                            | Non-flammable      | None known     |               |
| <b>Evaporation Rate</b>                       | No data available  | None known     |               |
| <b>Flammability (solid, gas)</b>              | No data available  | None known     |               |
| <b>Flammability Limit in Air</b>              |                    |                |               |
| <b>Upper flammability limit</b>               | No data available  |                |               |
| <b>Lower flammability limit</b>               | No data available  |                |               |
| <b>Vapor pressure</b>                         | No data available  | None known     |               |
| <b>Vapor density</b>                          | No data available  | None known     |               |
| <b>Specific Gravity</b>                       | 0.999              | None known     |               |
| <b>Water Solubility</b>                       | Completely soluble | None known     |               |
| <b>Solubility in other solvents</b>           | No data available  | None known     |               |
| <b>Partition coefficient: n-octanol/water</b> | No data available  | None known     |               |
| <b>Autoignition temperature</b>               | No data available  | None known     |               |
| <b>Decomposition temperature</b>              | No data available  | None known     |               |
| <b>Kinematic viscosity</b>                    | No data available  | None known     |               |
| <b>Dynamic viscosity</b>                      | 1                  | None known     |               |
| <b>Explosive properties</b>                   | No data available  |                |               |
| <b>Oxidizing properties</b>                   | No data available  |                |               |

**Other Information**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content (%)</b>            | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> |                   |

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

### Incompatible materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. |

#### Component Information

| Chemical name | Oral LD50             | Dermal LD50          | Inhalation LC50                     |
|---------------|-----------------------|----------------------|-------------------------------------|
| Glycerin      | = 12600 mg/kg ( Rat ) | > 10 g/kg ( Rabbit ) | > 570 mg/m <sup>3</sup> ( Rat ) 1 h |

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

|                                 |   |
|---------------------------------|---|
| <b>Reproductive toxicity</b>    | No information available.               |
| <b>STOT - single exposure</b>   | No information available.               |
| <b>STOT - repeated exposure</b> | No information available.               |
| <b>Target Organ Effects</b>     | Eyes. Kidney. Respiratory system. Skin. |
| <b>Aspiration Hazard</b>        | No information available.               |

#### **Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**  
36,568.00 mg/kg  
**ATEmix (dermal)**  
44,000.00 mg/kg (ATE)

## 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Harmful to aquatic life with long lasting effects.

| Chemical name | Toxicity to Algae | Toxicity to Fish                                | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---------------|-------------------|---|----------------------------|----------------------------|
| Glycerin      |                   | 96h LC50: 51 - 57 mL/L<br>(Oncorhynchus mykiss) |                            | 24h EC50: > 500 mg/L       |

#### **Persistence and Degradability**

No information available.

#### **Bioaccumulation**

| Chemical name | Log Pow |
|---------------|---------|
| Glycerin      | -1.76   |

#### **Other adverse effects**

No information available.



### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

#### **Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

### 14. TRANSPORT INFORMATION

|                             |               |
|-----------------------------|---------------|
| <b><u>DOT</u></b>           | NOT REGULATED |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |

|                   |               |
|-------------------|---------------|
| <b><u>TDG</u></b> | Not regulated |
|-------------------|---------------|

|                   |               |
|-------------------|---------------|
| <b><u>MEX</u></b> | Not regulated |
|-------------------|---------------|

|                    |               |
|--------------------|---------------|
| <b><u>ICAO</u></b> | Not regulated |
|--------------------|---------------|

|                             |               |
|-----------------------------|---------------|
| <b><u>IATA</u></b>          | Not regulated |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |

|                        |               |
|------------------------|---------------|
| <b><u>IMDG/IMO</u></b> | Not regulated |
| <b>Hazard Class</b>    | N/A           |

|                   |               |
|-------------------|---------------|
| <b><u>RID</u></b> | Not regulated |
|-------------------|---------------|

|                   |               |
|-------------------|---------------|
| <b><u>ADR</u></b> | Not regulated |
|-------------------|---------------|

|                   |               |
|-------------------|---------------|
| <b><u>ADN</u></b> | Not regulated |
|-------------------|---------------|

### 15. REGULATORY INFORMATION

#### International Inventories

|      |  |
|------|--|
| TSCA | Complies   |
| DSL  | All components are listed either on the DSL or NDSL. |

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard**

**Categories**

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | No |
| Chronic Health Hazard             | No |
| Fire Hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---------------|------------|---------------|--------------|--------------|----------|
| Glycerin      | X          | X             | X            | X            |          |

**International Regulations**

**Mexico**

**National occupational exposure limits**

| Chemical name | Carcinogen Status | Exposure Limits                |
|---------------|-------------------|--------------------------------|
| Glycerin      | -                 | 10mg/m <sup>3</sup> (mist) TWA |

*Mexico - Occupational Exposure Limits - Carcinogens*

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

|             |                       |   |                     |   |                        |   |  |
|-------------|-----------------------|---|---------------------|---|------------------------|---|--|
| <b>NFPA</b> | <b>Health Hazards</b> | 1 | <b>Flammability</b> | 0 | <b>Instability</b>     | 0 | <b>Physical and Chemical Hazards -<br/>Personal Protection</b> |
| <b>HMIS</b> | <b>Health Hazards</b> | 1 | <b>Flammability</b> | 0 | <b>Physical Hazard</b> | 0 |  |
|             |                       |   |                     |   |                        |   | X  |

|                      |                          |
|----------------------|--------------------------|
| <b>Prepared By</b>   | Karen Norkaitis          |
| <b>Issuing Date</b>  | 23-Jun 2020              |
| <b>Revision Date</b> | Initial                  |
| <b>Revision Note</b> | No information available |

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**