

# SAFETY DATA SHEET

UNITED TURF ALLIANCE

Updated: September 4, 2014

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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Product Name:	<b>Optimizer Green Shade™</b>
Manufactured for:	United Turf Alliance 8014 Cumming Highway Suite 403-282 Canton, GA 30115
Product Use:	Turf and Ornamental Pigment
Emergency telephone number:	(Chemtrec Information 24 hours) (800) 424-9300
Customer Service, call:	(847) 596-3001

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## 2. HAZARDS IDENTIFICATION

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### GHS Classification:

Acute Toxicity, Category 5 (inhalation)

Skin Irritation, Category 3

Eye Irritation, Category 2B

**Signal Word:** Warning

### Hazard Statements:

H303: May be harmful if swallowed.

H316: Causes mild skin irritation.

H320: Causes eye irritation.

H333: May be harmful if inhaled.

### Precautionary Statements:

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 protective equipment and work clothes thoroughly after handling.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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<u>Component</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
This product is a non-hazardous preparation.				

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## 4. FIRST AID MEASURES

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**IF SWALLOWED:** Call a POISON CENTER/doctor or Chemtrec if person feels unwell. Rinse mouth. Have a person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**IF ON SKIN:** Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention.

**IF INHALED:** Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER/doctor or Chemtrec if person feels unwell.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Medical Conditions Aggravated by Overexposure:** Repeated or prolonged exposure is not known to aggravate medical condition.

**Other Effects:** This product is not a carcinogen by NTP, OSHA and ACGIH.

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## 5. FIREFIGHTING MEASURES

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Suitable Extinguishing media: Water, fog, carbon dioxide, foam, dry chemicals.

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PPE and Precautions: Fire fighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Additional Fire and Explosion Data: None known.

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## 6. ACCIDENTAL RELEASE MEASURES

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In Case of Spill: Evacuate the spill area, except for cleanup personnel. Wear NIOSH/MSHA-approved respirator and protective equipment. Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal.

Disposal: Product is slippery under foot; flush smooth surfaces thoroughly with soap and water. Dispose of collected waste in accordance with federal, state and local regulations.

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## 7. HANDLING AND STORAGE

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**Precautions to be Taken in Handling:** Keep away from heat, sparks and flame. Keep container sealed when not in use. Safety goggles with full-face shield and eyewash recommended. USDA-accepted nitrile (CFR-20) or neoprene rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use only with adequate mechanical exhaust ventilation.

**Precautions to be Taken in Storage:** Product should be stored in a well-ventilated, dry place at moderately cool temperatures. Do not allow to freeze. Do not store in metal containers (corrosion risk). Do not store together with food, beverage or animal feed.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Note:** When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

Component Exposure Limits: N/D

Eye/Face Protections: Wear protective eyewear. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear chemically impervious gloves, long-sleeved shirt, pants, socks and shoes to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Respiratory Protection: Not required under normal use conditions with good ventilation. Protect against spray mists. Respirator recommended in areas of poor ventilation.

General Protection: Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.

Note: Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

Personal Protection in Case of Large Spill: Splash goggles, full suit, boots and gloves.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Green liquid	UEL:	N/A
Odor:	Mild odor	LEL:	N/A
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH (10% slurry):	8.5-9.5	Vapor Density:	N/D
Melting Point:	N/D	Relative Density:	1.3-1.4
Freezing Point:	N/D	Solubility in water:	Dispersible
Boiling Point:	>212°F	Partition Coefficient:	N/D
Flash Point:	N/A	Autoignition Temperature:	N/D
Evaporation Rate:	N/D	Decomposition Temperature:	N/D
Flammability:	N/A	VOC:	N/D

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Viscosity: N/D

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## 10. STABILITY AND REACTIVITY

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Stability: The product is stable under normal conditions.  
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.  
Condition to Avoid: Strong acids and oxidizing agents.  
Hazardous Decomposition Products: Burning organic pigments may emit noxious fumes which may include oxides of carbon, nitrogen, and other toxic fumes.

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## 11. TOXICOLOGICAL INFORMATION

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No toxicological data is available for this product. No toxicological effects can be expected when the product is handled and used with due care and attention.

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## 12. ECOLOGICAL INFORMATION

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Quantitative data on the ecological effects of this product are not available. Ensure that the product does not reach the groundwater, water bodies or the drainage system.

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## 13. DISPOSAL CONSIDERATIONS

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Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.  
Disposal Instructions: Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.  
Container Reuse: An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

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## 14. TRANSPORT INFORMATION

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DOT Status (Highway and rail): Not Regulated  
IATA Status (Air): Not Regulated  
Marine Pollutant: No

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## 15. REGULATORY INFORMATION

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SARA HAZARD: No  
TSCA: Components listed  
AICS (Australia): Components listed  
DSL (Canada): Components listed  
EINECS (Europe): Components listed

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## 16. OTHER INFORMATION

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HMIS Hazard Rating

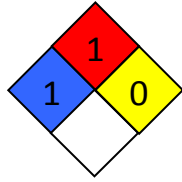
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HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	C



Last Updated: September 4, 2014

Date Prepared: February 14, 2014

**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, UNITED TURF ALLIANCE MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.