

SAFETY DATA SHEET



SECTION 1: Identification of the substance/mixture and of the company undertaking

PRODUCT NAME *Numerical: G74260-036 Trade Name: Greenade*
DESCRIPTION *Turf Grass Colorant*
PRODUCT USE: *Natural grass applications as a colorant*
1.2 Relevant identified uses of the substance/mixture and uses advised against
USE OF THE SUBSTANCE: *Turf Health and Appearance*
1.3 Details of the supplier of the safety data sheet
SUPPLIER: *Innovative Turf Supply, Inc.
1117 N. Industrial
Pilot Point, TX 76258
(214) 460-6035*
EMERGENCY TELEPHONE **CHEMTREC 1-800-424-9300** *Domestic*
CHEMTREC 703-527-3887 *International (Collect Calls Accepted)*

Section 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification
The substance is not classified according to the regulation
Classification according to Directive 67/548/EEC or Directive 1999/EC
Not applicable
Information concerning particular hazards for human and environment
Not applicable

2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008
Void
Hazard pictogram:
None Required
Signal Word:
None Required
Hazard Statements:
H412, H413 (P273,P501)

2.3 Other hazards

Other hazards which do not result in classification
May irritate eyes.
May irritate skin
Ingestion may cause irritation to mucous membranes
May cause irritation of respiratory tract
Results of PBT and vPvB assesment:
PBT: *Not applicable*
vPvB: *Not applicable*

Section 3. Composition/information on ingredients

<u>COMPONENTS</u>	<u>CAS#</u>	<u>% BY WT</u>
<i>Organic Pigment Blend</i>	<i>Trade Secret</i>	<i>≥25%</i>
<i>Polymers/Additive/Water Blend</i>	<i>Trade Secret</i>	<i>Balance</i>

The trade secret components of this formula contains no components or impurities that may influence the classification with regard to human and/or environmental risk assesment

Section 4. First aid measures

4.1 Description of first aid measures

General Information: *Remove contaminated clothing*
After Inhalation: *If difficulties occur after product has been inhaled, remove to fresh air and seek medical attention*

After skin contact: *Wash thoroughly with soap and water*

After eye contact: *Wash affected eyes for at least 15 minutes under running water with eyelids held open.*

After swallowing: *Rinse mouth and then drink plenty of water*

4.2 Most important symptoms and effects, both acute and delayed

Information for health personnel: *Treat symptomatically. Do not give victim anything to drink if unconscious*

Information for doctor: *Treat according to symptoms (decontamination, vital functions), no known specific antidote*

4.3 Indication of any immediate medical attention and special treatment needed

Specific details on antidotes: *No recommendations*

Section 5. Firefighting measures

5.1 Extinguishing Media

Suitable extinguishing agents:

dry powder, water fog, alcohol resistant foam

For safety reasons unsuitable extinguishing agents:

High powered water stream to keep fire from spreading

5.2 Special hazards arising from the substance or mixture

Fire and explosion hazards:

None known

Hazardous combustion products:

None known

5.3 Advice for firefighters

Protective equipment:

Wear self contained respiratory protective device

Additional information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid liquid from splashing on face and body. Use personal protective clothing

6.2 Environmental precautions

Contain contaminated water/fire fighting water. Do not discharge into drains/surface water/ground water

6.3 Methods and material for containment and cleaning up

For small amounts pick up with suitable appliance and dispose of

For large amounts contain with liquid binding material and dispose of.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment

See Section 13 for disposal information

Section 7. Handling and storage

7.1 Precautions for safe handling

Good practice dictates breathing must be protected when large quantities are decanted without local exhaust ventilation

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles

Store in a cool dry well ventilated area away from incompatible substances

Store only in unopened original receptacles

Store in well ventilated area

Do not store with reducing agents, strong acids and alkalis

Further information about storage conditions

Keep container tightly closed and dry; store in cool place

7.3 Specific end uses

This products sole use was a designed turf colorant. Using this product for other reasons is not recommended.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Substance
Organic Pigment Blend

Identification
Trade Secret

Value
na

TWA Year
na

8.2 Exposure controls

Safety Signs



General protective and hygienic measures:

Handle in accordance with good industrial hygiene and safety practice. In order to prevent contamination while handling, closed working clothes and working gloves should be used.

Respiratory Protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements
Suitable respiratory protection for lower concentrations or short term effect: Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Protection of hands:

Rubber gloves

Material of gloves:

Rubber gloves

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

Eye protection:

Safety glasses with side shields (frame goggles) e.g. EN 166

Body protection:

Protective work clothing

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information:

Appearance

Form	<i>Liquid</i>
Color	<i>Green</i>
Odor	<i>Typical of the chemistry</i>
pH value	<i>9.78</i>
Change in condition	
Melting Point/Melting Range	<i>NA</i>
Boiling Point/Boiling Range	<i>Undetermined</i>
Flash Point	<i>Not Applicable</i>
Flammability (solid,gaseous)	<i>Product is not flammable</i>
Ignition Temp.	<i>Undetermined</i>
Self Igniting	<i>Product is not self igniting</i>
Danger of explosion	<i>Not explosive</i>
Vapor Pressure at 25°C	<i>Undetermined</i>
Specific Gravity	<i>≤1.20 g/cm³</i>
Dynamic:	<i>Not determined</i>

9.2 Other Information

Solubility in n-octanol *Not determined*

Section 10. Stability and reactivity

10.1 Reactivity:

No info available

10.2 Chemical stability:

stable at ambient temperature and under normal conditions of use

Thermal decomposition/conditions to be avoided:

Avoid humidity

10.3 Possibility of hazardous reactions

None known

10.4 Conditions to avoid:

No further relevant information available

10.5 Incompatible materials:

Do not store with reducing agents strong acids and alkalies

10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Typical for this family of materials. Estimated. LD50/oral/rat Not determined

Skin Absorption:

The dermal LD50.

Typical for this family of materials. Estimated. LD50, Rat Not determined

Eye Irritation:

Rabbit - Not determined

Additional toxicological information:

The substance is not subject to classification according to the latest version of the EU lists

Section 12. Ecological information

12.1 Toxicity (as it relates to CuPhthalocyanine pigment)

Aquatic toxicity

EC50 30 min (static)

Not determined

EC50 48hrs (static)

Not determined

EC50 72 hrs (static)

Not determined

EC50 (24-h)

Not determined

LC50 96hrs (static)

Not determined

12.2 Persistence and degradability (28 days)

0% of the ThOD

0% of the COD

12.3 Bioaccumulative potential

BCF 3.2

Not bioaccumulative in nature

12.4 Mobility in soil

No info available

Additional ecological information:

Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Other adverse effects:

No info available

Section 13. Disposal considerations

13.1 Waste treatment methods

Recommendation:

Must be dumped or incinerated in accordance with local regulations

Uncleaned packaging:

Disposal must be made according to official regulations. Uncontaminated packaging can be reused. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

Section 14. Transport information

14.1 UN Number ADR, AND, IMDG, IATA239:A249A	Void
14.2 UN proper shipping name ADR,AND, IMDG, IATA	Void
14.3 Transport hazard classes	Void
14.4 Packing group	Void
14.5 Environment hazards; Marine pollutant	No
14.6 Special precautions for user	Not Applicable
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not Applicable
UN Model Regulation	-
14.8 US DOT Classification	Not Regulated
14.9 ICAO/IATA (Air)	Not Regulated
14.10 IMO/IMDG (Maritime)	Not Regulated

This information is not intended to convey all specific regulatory or operational requirement/information relating to this product. Additional transportation system information can be obtained through an authorized Sales or Customer Service representative. It is responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15. Regulatory information

15.1 Safety health, and environmental regulations/legislation specific for the substance or mixture

Other label information:

Does not require signal word or pictogram based on current GHS regulations

15.2 Chemical safety assesment

No info available

US EPA CERCLA Hazardous Substances (40 CFR, 302)

Does not contain any regulated components.

Clean Air Act - Hazardous Air Pollutants (HAP) (40 CFR, 61)

Does not contain any HAP components.

Clean Air Act - Volatile Organic Compounds (VOC) (40 CFR, 60.489)

Does not contain any VOC components.

Pennsylvania (Worker and Community Right-to-Know Act): Pennsylvania Special Hazardous Substances List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

US Toxic Substances Control Act (TSCA)

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirement under 40 CFR 720.30

CAPE - Domestic Substance List (DSL)

All components of the substance are specified on the public portion of the Domestic Substance List

16. OTHER INFORMATION

Green Up Services, LLC urges each customer or recipient of the SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all Federal, State, Provincial or Local laws. The information presented here pertains only to the product as shipped. Since conditions for use are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific SDSs, we are not and cannot be responsible for SDSs obtained from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.

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Greenade

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