

Material Safety Data Sheet

Section 1 – Product and Company Information

Product Name	Mulch Colorant
Brand	Natures Reflections
Company	Natures Reflections
Street Address	699 SE Battle Drive
City, State, Zip, Country	Madison, FL 32340
Technical Phone:	850-973-4148
Fax :	850-973-4124

Section 2 – Composition/Information on Ingredient

<u>Substance Name</u>	<u>CAS #</u>	<u>SARA 313</u>	<u>EC no</u>
Mulch Colorant Product	None	None	None

Formula Synonyms

Section 3 – Hazards Identification

Emergency Overview
Caution: Non-Toxic

HMIS Rating
Health: 0 Flammability: 0 Reactivity: 0

NFPA Rating
Health: 0 Flammability: 0 Reactivity: 0

Material chars with burning.

For additional information on toxicity, please refer to Section 11.

Section 4 – First Aid Measures

Oral Exposure

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation Exposure

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Dermal Exposure

1. Using the fish bioassay, there was 6% mortality over a 96hr. exposure at the 100ppm level. This was considered safe.
2. Eye irritation in rabbits – Negative
3. Dermal irritation – Negative
4. Oral Tox at 5gm./kg - Passed

Eye Exposure

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 – Fire Fighting Measures

Autoignition Temp: N/A

Extinguishing Media

Suitable

The material does not burn.

Firefighting

Protective Equipment - NA

Specific Hazard (s)

None

Section 6 – Accidental Release Measures

Methods for Cleaning Up

NA

Section 7 – Handling and Storage

Handling

User Exposure - NA

Storage

Safe at ambient temperature

Section 8 – Exposure Controls/PPE

Personal Protective Equipment

Respiratory – Not necessary

Hand - Protective gloves

Wash with water

Eye -

Chemical safety goggles

Wash with water

General Hygiene Measures

Wash thoroughly after handling.

Section 9 – Physical/Chemical Properties

Appearance

Physical State: Dk. Reddish/Orange liquid

Molecular Weight: N/A

pH	N/A
BP/BP Range	N/A
MP/MP Range	N/A
Freezing Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
SG/Density	N/A

Bulk Density	N/A
Odor Threshold	N/A
Volatile %	N/A
VOC Content	N/A
Water Content	N/A
Solvent Content	N/A
Evaporation Rate	N/A
Viscosity	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point °F	N/A
Flash Point °C	N/A
Explosion Limits	N/A
Flammability	N/A
Autoignition Temp	N/A
Solubility	N/A

N/A = not available

Section 10 – Stability and Reactivity

Stability

Stable

Materials to Avoid - N/A

Hazardous Decomposition Products

Hazardous Decomposition Products - N/A

Hazardous Polymerization

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Section 11 – Toxicological Information

Route of Exposure

Skin Contact

NA

Skin Absorption

NA

Eye Contact

May cause eye irritation. (Rabbit eye irritation study, negative)

Inhalation - NA

No toxicity at 5g/kg body weight.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have been thoroughly investigated.

Section 12 – Ecological Information

No data available

Non-toxic to fish at 100 ppm

Section 13 – Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation: N/A

Section 14 – Transport Information

DOT

Proper Shipping Name: Mulch Colorant Product

Non-hazardous for Transport: This substance is considered to be non-hazardous for Transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 -- Regulatory Information

US Classification and Label Text

US Statements

Not harmful

United States Regulatory Information

WHMIS Classification

This product has been classified in accordance with the hazard of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

Section 16 -- Other Information

Disclaimer

For R&D use only. Not for drug, household or other uses.