



Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Southern Pine
Synonyms: Pigment Dispersion

Intended Use of the Product

Aqueous dispersion for coloring mulch

Name, Address, and Telephone of the Responsible Party

Company:

Nature Shades
1595 Hwy 150
Bessemer, AL 35022
(205)240-4611

Manufacturer:

Nature Shades 1595
Hwy 150 Bessemer,
AL 35022
(205)240-4611

SECTION 2: HAZARDOUS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)
Not Classified

Label Elements

GHS-US Labeling
Manufacturers Labels

Potential Environmental Effects:

No significant environmental hazards are associated with release to the environment. However, the color can disperse, so as a matter of good practice, do not spill into any waterway or sewer.
Recommended usage of this product is outdoors or in a well- ventilated area.

Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
--

3.1 Substance:

Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
Iron Oxide Red*	1309-37-1	10 mg/m3 (iron oxide fume)	5mg/m3 (Iron Oxide dust & fume)	30-55%
Carbon Black	1333-86-4	3.50 mg/m3 TWA	3.50 mg/m3 TWA	10-40%
Water	7732-18-5	Not Applicable	Not Applicable	>10%
Surfactant	9003-11-6	Not Applicable	Not Applicable	1-5%
Proprietary Polymer	Proprietary acrylic polymer (Supplier has claimed the CAS number as proprietary)			>1.0%

* Exposure levels for iron oxide are not applicable when product is in liquid form.

No reportable quantities of toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372 are present

The composition of this material is a trade secret. Contains no other components or impurities, which will influence the classification with regard to human and environmental risk assessment.

SECTION 4. FIRST AID MEASURES

Emergency Overview: May cause respiratory tract, eye, and skin irritation

Eyes: Short-term harmful effects are not expected. However, irritation may develop causing itching and redness.

Skin: Short-term harmful effects are not expected. However, mild skin irritation may develop causing itching and redness.

Inhalation: Short-term harmful effects are not expected. However, exposure to vapors or dust may cause coughing or wheezing when inhaled.

Ingestion: Not an intended route of exposure. Short-term harmful effects are not expected. However, may upset the gastrointestinal tract and cause diarrhea

Section 5. Fire Fighting Measures
--

Nonflammable aqueous pigment dispersion

Extinguishing Media: Water Spray to keep exposed containers cool
CO₂ or foam.

Special Fire Fighting Procedures: N/A

Unusual Fire or Explosion Protection: N/A

General Hazard: In the unlikely event that all water is evaporated, a dust cloud may form

Flammability Data:

Flash Point	Noncombustible
Flammability Limits	N/A
Auto-ignition Temperature:	N/A

Section 6. Accidental Release Measures

Spills and Leaks: Contain the spill or leak to prevent a discharges to surface streams or storm sewers. This material is a concentrated dye/pigment. Small quantities in contaminated water solutions will color large volumes

Clean-Up Collect spilled material with an inert absorbent such as sand or vermiculite.

Procedures: Placed in properly labeled and closed container. Dispose of collected material according to federal, state, and local regulations.

Section 7. Handling and Storage

Handling: Avoid breathing fumes. General mechanical ventilation can be expected to effectively remove and prevent build up of any vapor or mist generated from handling this product in a closed environment. Do not freeze. Protect eyes to prevent contact. Avoid prolong or repeated exposure to skin.

Storage: Keep container dry. Keep containers sealed until ready for use.

Section 8. Exposure Control/Personal Protection

Engineering controls: General mechanical ventilation can be expected to effectively remove and prevent build up of any vapor or mist generated from handling this product in a closed environment

Personal Protection:

Eyes: Wear safety glasses with side shields. Wear additional eye protection such as chemical goggles or face shield if splashing or spraying hazard exists. Have an eye wash station available.

Body: To prevent skin contact use coveralls, apron, boots, or lab coat.

Hands: Avoid skin contact by using chemically resistant gloves.

Respiratory: No respiratory protection required under normal conditions of use. Use local exhaust to control excessive vapors/mists. If excessive vapors or mists are persist use appropriate NIOSH/MSHA approved organic vapor/mist respirator.

Other: Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic overexposure.

Exposure Limits:	Iron Oxide dust:	ACGIH TLV	5 mg/m ³	TWA
			10 mg/m ³	TWA

Section 9. Physical and Chemical Properties

Appearance:	Physical State	Thick Liquid
	Form	Liquid
	Color	Brown
Odor	Mild Odor	
pH		8-10
Boiling Point		100° C (212°F) Water
Flash Point		Noncombustible
Lower Explosion Limit		Not Applicable
Upper Explosion Limit		Not Applicable
Melting/Freeing Point		N/A
Solubility in Water		Dispersible
Evaporation Rate (Butyl Acetate =1)		<1
Reacts if Exposed to	Light:	No
	Air	No
Specific Gravity (Water = 1)		1
Bulk Density (lbs/gal)		16 to 17

NOTE: The physical data presented above are typical values not specifications

Section 10. Stability and Reactivity

Chemical Stability: This material is chemically stable under normal and storage and handling conditions.

Corrosive: No

Incompatibility: Long term storage in direct contact with reactive metal such as aluminum, zinc, copper, nickel, magnesium, etc

(Materials to Avoid) Other materials to avoid include strong oxidizing agents

Hazardous Decomposition: When involved in a fire, burning may evolve noxious fumes which may include carbon monoxide, carbon dioxide, nitrous oxides, acetic acid, or other toxic compounds depending on the chemical composition and combustion conditions. However, all of the water must be driven off first for this to occur.

Hazardous polymerization Will not occur

Hazardous Decomposition Product: None know

Section 11. Toxicological Information

As with all materials for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure

Chronic Toxicity: None known

Carcinogenic Effects: None known

Mutagenic Effects: None known

Teratogenic Effects: None known

Developmental Toxicity: None known

Acute Effects on Humans: May cause skin, eye, and respiratory irritation.

Sensitization: Repeated or prolonged exposure to the substance at concentration above the exposure limits may cause respiratory tract and lung sensitization.

Carcinogenic Effects: This material is not known to cause cancer in animals or humans.

Existing Medical Conditions Aggravated By Exposure: May provoke asthmatic response in persons with asthma who are sensitive to airway irritants

Section 12. Ecological Information

Ecotoxicity: No data available, however the material is not expected to have any deleterious toxic effect.

Environmental Fate: No data available regarding the environmental fate or biodegradation.

US: Not a hazardous waste under U.S. RCRA, 40 CFR 261

Section 13. Disposal Considerations

For waste disposal purposes, and aqueous liquid with a pH between 2.1 and 12.4 is NOT defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40 CFR 261)

EPA Waste Number: Non-hazardous waste

Treatment: Dispose of according to all federal, state, local, and provincial environmental regulations.

Section 14. Transport Information

D.O.T.	Not regulated as dangerous goods
IMO/IMDG	Not regulated as dangerous goods
IATA Classification:	Not regulated as dangerous goods
NMFTA	Classification # 149980; Sub 6; Class 55

Section 15. Regulatory Information

TSCA	Toxic Substances Control Act
OSHA	This document has been prepared in accordance with MSDS
RCRA	This mixture and or its contents are not a hazardous waste if disposal is required
CERCLA	Components of this mixture are not CERCLA hazardous substances
HAPS	This mixture does not contain any Hazardous Air Pollutants
ODC	This mixture does not contain any Ozone Depleting Compounds
TOX	This mixture does not contain any organic halogens (EPA 9020)
CWA (40 CFR 116)	This mixture does is not on a Clean Water Act list
CAA of 1990	This mixture is not made with nor does it contain any Class 1 or Class 2 ozone depleting substances as defined under the 1990 amendments to the act
SARA (302)	This mixture does not contain any constituents that are identified as extremely hazardous
SARA (311/312)	Reportable Ingredients: None
SARA (313)	No reportable quantities of toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372 are present
Regulatory Listings	
United States	(TSCA): Listed

Section 16. Other Information

Issue date:	01/01/2015
Version #	1
HMIS rating	Health: 1
	Flammability: 0
	Physical hazard 0
	Personal Protection B
NFPA rating	Health 1
	Flammability 0
	Physical hazard 0

The information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Nature Shades knowledge. Because use conditions and applicable laws may differ from one location to another and may change with time, recipient is responsible for determining whether the information is appropriate for recipient's use. Since Nature Shades has no control over how this information may be ultimately used, all liability is expressly disclaimed and Nature Shades assumes no liability.