



*Perfect Solutions for Pine Straw, Mulch and Grass*  
**MATERIAL SAFETY DATA SHEET**

Product: **Georgia Pine**

**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name ..... Brown Aqueous Dispersion  
 Chemical Name ..... Brown Aqueous Dispersion  
 Formula ..... Not Applicable (mixture)  
 CAS # ..... Chemical Mixture  
 Supplier ..... EnviroColor  
 Address ..... 3145-G Gateway Drive  
 City, St, Zip ..... Norcross, GA 30071  
 Phone ..... 678-648-5620

**SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS**

HMIS Hazard Classification: Health 1 Flammability 0 Reactivity 0

INGREDIENT	CAS #	% WT.	PEL-OSHA	TLV-ACG1H
Iron Oxide	1309-37-1	Proprietary	10mg/m <sup>3</sup>	5.00 mg/m <sup>3</sup>
Water	7732-18-5	Proprietary	None established	None established
Polymer	N/A	Proprietary	None established	None established
Carbon Black	N/A	Proprietary	3.5mg/m <sup>3</sup>	3.5mg/m <sup>3</sup>

**SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point ..... Over 100° C  
 Vapor Pressure (mm Hg) ..... <17.5 mm Hg at 20° C  
 Vapor Density (AIR = 1) ..... Not applicable  
 Specific Gravity (H2O = 1) ..... >1

**Material Safety Data Sheet – Brown Aqueous Dispersion**

---

Melting Point ..... 0° C  
Evaporation Rate (Butyl Acetate = 1) ..... <1  
Solubility in Water ..... Dispersible  
Appearance and Odor ..... Brown liquid/faint ammonia  
pH ..... 8 - 10

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

Flash Point ..... Not determined  
Extinguishing Media ..... Water, CO<sup>2</sup> or foam  
Special fire fighting procedures ..... None  
Unusual fire and explosion hazards ..... None  
LEL ..... Not applicable  
UEL ..... Not applicable

**SECTION 5: REACTIVITY DATA**

Stability ..... Stable  
Conditions to avoid ..... Excessive heat and oxidizing agents  
Incompatibility (materials to avoid) ..... Chlorates, bromates and nitrates  
Hazardous decomposition or byproducts ..... Carbon monoxide and carbon dioxide while burning  
Hazardous polymerization ..... Will not occur

**SECTION 6: HEALTH HAZARD/FIRST AID MEASURES DATA**

Prolonged or repeated contact may cause irritation to eyes, skin and respiratory tract.  
Not a fire or explosion hazard. However, toxic emissions are possible in a fire situation.

**Routes of Entry:**

Eyes? Yes                      Skin? Yes                      Inhalation? Yes                      Ingestion? Yes

***Potential Health Effects:***

EYE CONTACT: Prolonged or repeated contact may cause irritation.

SKIN CONTACT: Prolonged or repeated contact causes mild irritation.

INHALATION: May cause irritation of the respiratory tract.

INGESTION: No adverse effects expected.

***Carcinogenicity***

NTP? No

IARC? No

OSHA? No

***Chronic Health Hazards***

None known.

***Emergency and first aid procedures:***

Inhalation: Remove to fresh air

Eyes: Flush with water

Skin: Wash with soap and water

Ingestion: Call physician immediately

**SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE**

*Waste disposal method:* Dispose of in accordance with federal, state and local requirements.

*Precautions to be taken in handling and storing:* Keep material dry and away from food and beverages. Protect from freezing.

*Other precautions:* Wash after handling.

Avoid contact with eyes.

**SECTION 8: ACCIDENTAL RELEASE MEASURE**

Contain spillage, neutralize cautiously with a base such as soda ash, and soak up with inert absorbent material for disposal. Notification of the National Response Center (800/424-8802) may be required. Refer to EPA, DOT and applicable state and local regulations for current response information.

It is recommended that each user establish a spill prevention, control and countermeasure plan (SPCC). Such plan should include procedures applicable to proper storage, control and clean-up of spills, including reuse or disposal as appropriate.

Note: In the event of an accidental release of this material, the above procedures should be followed. Additionally, proper exposure controls and personal protection equipment should be used.

**SECTION 9: CONTROL MEASURES**

Respiratory protection

Work ambient conditions should be monitored and if the recommended exposure limit is exceeded, NIOSH/MSHP approved respirator should be worn.

The recommended usage of this product is outdoors or in a well ventilated area.

Local exhaust

Use local ventilation to maintain air levels below the recommended exposure limit if dusting is a problem.

- Special ventilation ..... None
- Mechanical ventilation ..... None
- Protective gloves ..... Rubber or leather
- Eye protection ..... Goggles
- Other protective clothing / equipment ..... None needed

*Work / hygienic practices:* Avoid contact. Keep container closed when not in use. Wash after handling. Store away from food and beverages.

\* The information given herein is given in good faith. No warranty, expressed or implied is made. Proper use of this information must be determined by the user in compliance with all federal, local and state laws.

Revision date: 12/27/07