



Perfect Solutions for Pine Straw, Mulch and Grass

MATERIAL SAFETY DATA SHEET

Product: **Cocoa Brown**

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-ACGIH
Iron Oxide	1309-37-1	Proprietary	10mg/m ³	5.00 mg/m ³
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 ³	3.5mg/m ³

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, CO² 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.

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