

## MATERIAL SAFETY DATA SHEET

---

### 1. PRODUCT AND COMPANY IDENTIFICATION

---

Product Name: Absorbit Stem Dyes - All colors

Distributor's Name: **DESIGN MASTER COLOR TOOL, INC.**

Address: P.O. Box 601  
BOULDER, CO 80306  
United States of America

Emergency Phone: 800-525-2644

Information Phone: 303-443-5214

Date Prepared: 06/02/2008

Name of Preparer: MK/KZ

Product Description: Dye for flowers and foliage

---

### 2. COMPOSITION, INFORMATION ON INGREDIENTS

---

NOTE: This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). Reason for hazard classification: Possible skin and eye irritant.

Hazardous Ingredient	CAS Number	OSHA Hazard	Concentration
Sodium Dodecylbenzene Sulfonate	25155-30-0	Yes	5%(w/w)

#### Non-Hazardous Ingredients

All non-hazardous ingredients are considered to be a trade secret in accordance with the OSHA Hazard Communication Standard.

---

### 3. HAZARDS IDENTIFICATION

---

#### Acute health Effects

Skin contact may cause irritation dermatitis sensitization (allergic reaction). Eye contact may cause pain and be accompanied by irritation. Inhalation may cause irritation sensitization (allergic reaction). Ingestion may cause vomiting.

#### Chronic Health Effects

None known.

#### Primary Routes of Exposure

Eye, Skin, Inhalation

#### Signs/Symptoms of Exposure

Skin contact may color skin due to pigment.

#### Carcinogenicity

None of the Absorbit dyes contain any materials classified as carcinogens by OSHA, NTP and IARC.

---

#### 4. FIRST AID MEASURES

---

If irritation or other symptoms (as noted above) occur or persist from any route of exposure, remove the affected individual from the area and get immediate medical attention.

**EYE CONTACT:** Immediately flush eyes with plenty of clean water for an extended time, not less than fifteen (15) minutes. Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion. Get medical attention.

**SKIN CONTACT:** Wash the affected area thoroughly with plenty of water and soap, while removing contaminated clothing. Thoroughly clean clothing before reuse.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen.

**INGESTION:** If swallowed, dilute with water and induce vomiting. Never give fluids or induce vomiting if victim is unconscious or having convulsions. Get medical attention.

---

#### 5. FIRE FIGHTING MEASURES

---

##### **Fire and Explosive Properties**

Dust suspended in air in critical proportions and in the presence of an ignition source may be ignited by electrical arcs, sparks, welding torches, open flame or other significant heat sources including, possibly, electrostatic discharge. This product has not been evaluated for dust explosion potential.

##### **Extinguishing Media**

CO<sub>2</sub>, Foam, Dry Chemical, Water

##### **Fire Fighting Instructions**

Water spray (fog) can be used to absorb heat and to cool and protect surrounding exposed material. Avoid hose streams or any method that will create dust clouds. A direct stream of water may cause foaming. Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure-demand mode (or other positive pressure mode) and protective clothing.

##### **Unusual Fire/Explosion Hazards**

None known

---

## 6. ACCIDENTAL RELEASE MEASURES

---

### Clean-Up Techniques

Wear proper personal protective clothing and equipment. Moisten slightly with water to reduce dusting. Sweep up carefully and place into container for reuse or disposal. Do not sweep or flush product into sewers or waterways.

### Reporting

No regulated ingredients

---

## 7. HANDLING AND STORAGE

---

### Handling

Always wash up before eating, smoking or using the facilities. Avoid eye contact. Avoid repeated, or prolonged skin contact. Avoid breathing dust. Use under well-ventilated conditions. Wash thoroughly after handling this product. In general, dust of organic materials is a static charge generator that may be ignited by electrostatic discharge, electrical arcs, sparks, welding torches, cigarettes, open flame, or other significant heat sources. Although the risk of a dust explosion is low, as a precaution, implement the following safety measures: Avoid dust accumulation. This product is for professional use only. Keep out of reach of children.

### Storage

Store in a dry area. Keep container closed when not in use. Do not store in open, unlabeled or mislabeled containers.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

### Occupational Exposure Limits

OSHA PEL      ACGIH-TLV      ACGIH-STEL

None established.

### Notes:

Nuisance particulates 10 mg/m<sup>3</sup> total dust (ACGIH).

### Engineering Controls

Always provide effective and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapor away from workers to prevent routine inhalation.

**Eye/Face Protection**

Wear protective safety goggles. An emergency eyewash station should be readily available.

**Skin protection**

Wear chemical resistant protective gloves, and clean body covering clothing.

**Respiratory Protection.**

In case of exposure, wear a NIOSH/MSHA approved respirator suitable for dye dust.

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

---

Form	Powder
Color	Varies according to color
Solubility (in water)	Soluble
pH Value	Not Available
Boiling Range	Not Applicable
Flash Range	Not Applicable
Vapor Pressure (mm Hg)	Not Applicable
Melting Point	Not Applicable
Specific Gravity	Approximately 0.7

---

**10. STABILITY AND REACTIVITY**

---

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** None known

**Incompatibility with other materials:** None known

**Hazardous Decomposition Products:** CO<sub>2</sub> and CO and NO<sub>x</sub>

---

**11. TOXICOLOGY INFORMATION**

---

No data available at this time.

**NOTE:** No toxicity studies have been conducted on this product as a whole. As with all chemicals 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.

---

**12. ECOLOGICAL INFORMATION**

---

No ecological testing has been conducted on this product.

---

**13. DISPOSAL CONSIDERATIONS**

---

Dispose of in accordance with federal, state and local regulations. Disposal should be in closed containers. Incinerate or landfill waste in a properly permitted facility where permissible.

---

**14. TRANSPORTATION INFORMATION**

---

UN Number	N/A
UN Pack Group	N/A
UN Class	N/A
ICAO/IATA Class	N/A
DOT Shipping Name	N/A

Notes: This product is NOT REGULATED for domestic and international transportation.

---

**15. REGULATORY INFORMATION**

---

**HAZARD RATING**

	HMIS	NFPA
HEALTH	1	1
FIRE	1	1
REACTIVITY	0	0

**UNITED STATES - FEDERAL**

All components of this product are either listed on the Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.

**Ozone-Depleting Chemicals**

No regulated ingredients.

**SARA Section 302 Extremely Hazardous Materials**

No regulated ingredients.

**SARA Section 313 Toxic Chemicals**

No Section 313 listed ingredients.

**California Proposition 65**

No regulated ingredients.

**CANADA**

**WHIMS**

No data available.

---

## 16. OTHER INFORMATION

---

### ABBREVIATIONS

ACGIH..: American Conference of Governmental Industrial Hygienists  
CAS No.: Chemical Abstract Service Registry Number  
C.I. ...: Colour Index  
DOT....: Department of Transportation  
EPA....: Environmental Protection Agency  
HMIS...: Hazardous Material Information System  
IARC...: International Agency for Research on Cancer  
IATA...: International Air Transport Association  
ICAO...: International Civil Aviation Organization  
MSHA...: Mine Safety and Health Administration  
N/A....: Not Applicable  
N/E....: None Established  
NFPA...: National Fire Protection Association  
NIOSH..: National Institute for Occupational Safety and Health  
NTP....: National Toxicology Program  
OSHA...: Occupational Safety & Health Administration  
SARA...: Superfund Amendments and Reauthorization Act (US EPA)  
STEL...: Short Term Exposure Limit (ACGIH)  
TLV....: Threshold Limit Value (ACGIH)  
TWA....: Time Weighted Average (exposure for 8-hour workday)  
(w/w)..: Concentration percentage based upon weight  
WHIMS..: Workplace Hazardous Materials Information System (Canada)

### Users Responsibility/Disclaimer of Liability

The information set forth herein is based on our current knowledge, and is intended to describe the product solely with respect to health, safety and the environment. As such, it must not be interpreted as a guarantee of any specific property of the product. As a result, the customer shall be solely responsible for deciding whether said information is suitable and beneficial.

Safety Data Sheet Preparer: Health, Safety and Environmental Department