

# WOOD DYE

REVISION DATE: 05/04/2016

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## 1. CHEMICAL PRODUCTION AND COMPANY IDENTIFICATION

**Product Name:** WOOD DYE (ALL COLORS)  
**Product ID:** WDL, WDM  
**Chemical Family:** ALCOHOL SOLUTION  
**Synonym:** DYE SOLUTION  
**Common Chemical Name:** DYE

**Supplier:** Chroma Craft, LLC  
 102 Railroad Street  
 Brooklet, GA 30415

For Chemical Emergency Call CHEMTREC (24 hours): 1-800-424-9300  
 Number for non-emergency questions concerning MSDS: 912-842-2653

## 2. HAZARD(S) IDENTIFICATION

	<b>HEALTH</b>	<b>FIRE</b>	<b>REACTIVITY</b>	<b>SPECIAL</b>								
<b>HMIS:</b>	2	3	0	N/A								
<b>NFPA:</b>	2	3	0	N/A								
<b>LABEL REQUIREMENTS</b>			<table border="1"> <tr><td style="background-color: #0000FF; color: white;">HEALTH</td><td style="text-align: center;">2</td></tr> <tr><td style="background-color: #FF0000; color: white;">FIRE</td><td style="text-align: center;">3</td></tr> <tr><td style="background-color: #FFFF00;">REACTIVITY</td><td style="text-align: center;">0</td></tr> <tr><td>PPE</td><td style="text-align: center;">G</td></tr> </table>		HEALTH	2	FIRE	3	REACTIVITY	0	PPE	G
HEALTH	2											
FIRE	3											
REACTIVITY	0											
PPE	G											
<b>Physical hazards</b>	Flammable liquids		Category 2									
<b>Health Hazards</b>	Eye Damage/Irritation		Category 1									
<b>OSHA Specific Hazards</b>	Not applicable											
<b>Signal Words</b>	Danger!											
<b>Hazard Statement(s)</b>	H225 - Highly flammable liquid and vapor. H318 - Causes serious eye damage. H336 - May cause drowsiness or dizziness.											
<b>Precautionary statement</b>												
<b>Prevention</b>	P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting/.../equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash exposed skin thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.											
<b>Response</b>	P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P337+P313 - If eye irritation persists: Get medical advice/attention.											
<b>Storage</b>	P403+P233: Store in a well-ventilated place. Keep container tightly closed. P235: Keep Cool.											
<b>Disposal</b>	P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.											

This product is hazardous or contains components which are hazardous according to the OSHA Hazard Communication Standard.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. %	TLV - TWA	PEL - TWA
n-Propanol	71-23-8	>80	100 ppm	200 ppm
diethylene glycol monoethyl ether	111-90-0	5-10	25 ppm	50 ppm

### 4. FIRST-AID MEASURES

<b>EYE CONTACT</b>	Immediately rinse eyes with running water for 15 minutes. Get immediate medical attention if symptoms occur.
<b>SKIN CONTACT</b>	Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. Get immediate medical attention if symptoms occur.
<b>INHALATION</b>	Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention if symptoms persist.
<b>INGESTION</b>	If swallowed, DO NOT INDUCE VOMITING. Dilute with water or milk and get immediate medical attention. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
<b>NOTES TO PHYSICIAN</b>	Treat symptomatically.
<b>AGGRAVATED MEDICAL CONDITIONS</b>	No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product.
<b>SPECIAL PRECAUTIONS</b>	Not applicable.

### 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Extinguish fires with water spray, apply alcohol-resistant foam or carbon dioxide by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires. Combustible liquid and vapor.
SPECIAL FIREFIGHTING PROCEDURES	Water may be ineffective but should be used to keep exposed containers cool.
EXTINGUISHING MEDIA TO AVOID	No information currently available.
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS	Use a self-contained breathing apparatus and protective clothing.
HAZARDOUS DECOMBUSTION PRODUCTS	Burning can produce the following products: carbon monoxide and/or carbon dioxide. Carbon monoxide is highly toxic if inhaled. Carbon dioxide in sufficient concentrations can act as an asphyxiate.

### 6. ACCIDENTAL RELEASE MEASURES

<b>CONTAINMENT</b>	Flammable Liquid! Release causes an immediate fire or explosion hazard. Evacuate all non-essential personnel from immediate area and establish a "regulated zone" with site control and security. A vapor-suppressing foam may be used to reduce vapors. Eliminate all ignition sources. All equipment used when handling this material must be grounded. Stop the leak if it can be done without risk. Do not touch or walk through spilled material. Remove spillage immediately from hard, smooth walking areas. Prevent its entry into waterways, sewers, basements, or confined areas. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to appropriate waste containers. Use clean, non-sparking tools to collect absorbed material.
<b>CLEAN-UP</b>	Soak liquids with sawdust or rags and remove. Flush with water if possible. Place in an appropriate recovery or salvage drum for disposal.
<b>DISPOSAL</b>	Dispose of in accordance with local, state, and federal regulations.

## 7. SAFE HANDLING AND USE INFORMATION

<b>GENERAL HANDLING:</b>	Avoid exposure to light, air and all sources of ignition. Keep containers tightly closed and in a dry, cool and well-ventilated place. Keep away from heat and ignition sources.
<b>OTHER STORAGE AND HANDLING:</b>	Consult other sections of this MSDS for information on reactivity and <u>flammability</u> .
<b>RESPIRATORY PROTECTION:</b>	NIOSH/OSHA approved respirator types suitable for materials in section 2 recommended. Approved chemical/mechanical filters recommended when ventilation is restricted. Approved airline type respirators or hoods recommended in confined areas.
<b>VENTILATION:</b>	Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable osha permissible exposure limit or ACGIH'S TLV limit.
<b>SKIN PROTECTION:</b>	Recommended for prolonged or repeated contact; rubber or neoprene.
<b>EYE PROTECTION:</b>	Chemical goggles with side shield or face shield recommended.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Where contact is likely, chemical resistant gloves and safety goggles are recommended.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

<b>GROUNDING:</b>	When transferring, fill stem and container must be grounded and bonded. Store in a cool dry area with ventilation suitable for storing materials shown in section 2. Keep away from heat, sparks and open flame. Do not cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death.
<b>OTHER PRECAUTIONS:</b>	Provide respiratory protection against fumes generated during burning. Avoid prolonged contact with skin and breathing of vapors.

## 8. EXPOSURE CONTROLS

<b>RESPIRATORY PROTECTION:</b>	NIOSH/OSHA approved respirator types suitable for materials in section 2 recommended. Approved chemical/mechanical filters recommended when ventilation is restricted. Approved airline type respirators or hoods recommended in confined areas.
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## 9. PHYSICAL DATA

<b>COLOR</b>	Various	<b>FORM/APPEARANCE</b>	Liquid
<b>ODOR</b>	Mild alcohol	<b>BOILING POINT</b>	>200 °F
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	~0.8	<b>pH</b>	8.5 (in water)
<b>FREEZING POINT</b>	-200°F	<b>DECOMP. TMP.</b>	NOT AVAILABLE
<b>VAPOR PRESSURE</b>	14.5 mmHg	<b>VAPOR DENSITY (AIR = 1)</b>	>2
<b>SOLUBILITY IN H<sub>2</sub>O</b>	Complete	<b>VOLATILE BY VOL.</b>	>95%
<b>VOLATILE BY WEIGHT</b>	>95%	<b>VOCS, GRAMS/LTR</b>	99%
<b>VOCS, LBS/GAL</b>	~5.8	<b>AUTOIGNITION:</b>	NOT AVAILABLE
<b>FLASH POINT:</b>	~72°F	<b>FLAM. LIMITS (% in air)</b>	2-14

## 10. STABILITY AND REACTIVITY

<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon Dioxide and Carbon Monoxide.
<b>CONDITIONS TO AVOID:</b>	Accelerators, alkalis, heat, incompatible materials, initiators, Exposure to light.
<b>INCOMPATIBILITY:</b>	Strong oxidizing agents, acids, bases.
<b>HAZARDOUS POLYMERIZATION:</b>	Hazardous polymerization does not occur.
<b>STABILITY:</b>	This product is stable under normal conditions. However, may polymerize and may form explosive peroxides on concentration.
<b>CORROSIVE PROPERTIES:</b>	Not corrosive.
<b>OXIDIZER PROPERTIES:</b>	Not an oxidizer.

## 11. TOXICOLOGICAL INFORMATION

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### TOXICOLOGY TEST DATA:

TEST	RESULT
Oral LD-50 (rat)	8,000 mg/kg
Inhalation LC-50 (rat)	2000 PPM (1h)
Dermal LD-50 (rabbit)	>4,000 mg/kg

### EFFECTS OF OVEREXPOSURE:

<b>ACUTE OVEREXPOSURE EFFECTS</b>	Eye contact can cause mild to severe irritation upon short term exposure.				
<b>CHRONIC OVEREXPOSURE EFFECTS</b>	Delayed effects: Overexposure to solvents can cause permanent brain and central nervous system damage as well as severe lung damage.				
<b>CARCINOGENICITY</b>	IARC	NTP	ACGIH	OSHA	MEXICO
<b>None</b>					

ACGIH: (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen  
 A2 - Suspected Human Carcinogen  
 A3 - Animal Carcinogen

## 12. ECOLOGICAL INFORMATION

<b>ECOTOXICITY</b>	Product is not likely to bioaccumulate.
<b>ACUTE AQUATIC EFFECTS:</b>	LC50 fishes 1000 mg/l (96 h; Pimephales promelas; NOMINAL CONCENTRATION)

## 13. DISPOSAL CONSIDERATIONS

Discharge, treatment or disposal may be subject to national, state or local laws. Incinerate. Since emptied containers retain product residue, follow label warnings even after container is emptied.

**14. TRANSPORTATION INFORMATION**

<b>DOT (USA):</b>	Paint UN1263, Class 3 Flammable Liquid, Packing group III
<b>POSSIBLE SHIPPING DESCRIPTION(S):</b>	Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base
<b>SEA – IMDG (International Maritime Dangerous Goods)</b>	Paint UN1263, Class 3 Flammable Liquid, Packing group III
<b>AIR – ICAO (International Civil Aviation Organization)</b>	Passenger and Cargo Aircraft Quantity limitation: 10 L Cargo Aircraft Only Quantity limitation: 30 L Special Provisions: 367, B1, B52, B131, IB3, T2, TP1, TP29

**15. REGULATORY INFORMATION**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

<b>WHMIS (Canada) Status</b>	controlled
<b>WHMIS (Canada) Hazard Classification</b>	B/2, D/2/B
<b>SARA 311-312 Hazard Classification(s)</b>	Immediate (acute) health hazard Fire hazard
<b>Carcinogenicity Classification (components present at 0.1% or more)</b>	None, unless listed below
<b>TSCA (US Toxic Substances Control Act)</b>	The components of this product are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.
<b>DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act)</b>	The components of this product are listed on the DSL. Any impurities present in this product are exempt from listing.
<b>EINECS (European Inventory of Existing Commercial Chemical Substances)</b>	The components of this product are listed on EINECS or otherwise complies with INECS requirements. EINECS Number: 203-767-1
<b>AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme)</b>	The components of this product are listed on AICS or otherwise complies with NICNAS.
<b>MITI (Japanese Handbook of Existing and New Chemical Substances)</b>	The components of this product are listed in the Handbook or has been approved in Japan by new substance notification.
<b>ECL (Korean Toxic Substances Control Act)</b>	The components of this product are listed on the Korean inventory or otherwise complies with the Korean Toxic substances Control Act.KE-18303
<b>Philippines Inventory (PICCS)</b>	The components of this product are listed on the Philippine Inventory or otherwise complies with PICCS.
<b>Inventory of Existing Chemical Substances in China</b>	The components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).
<b>CLEAN AIR ACT AMMENDMENTS (ODS)</b>	This product does not contain an ozone depleting substance (ODS), nor are any of our products manufactured with them.

**-PROP 65 (CARCINOGEN)**

<b>CHEMICAL NAME</b>	<b>CAS NUMBER</b>
None.	None.

## 16. OTHER INFORMATION

**Revision number:** 0

**Prepared By:** Chroma Craft Environmental Health & Safety Group

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is current. Copyright Chroma Craft, LLC. License granted to make unlimited copies for internal use only. End of MSDS.....