

Microcell Products Company

Material Safety Data Sheet / Blue Reinking Ink

Section I - Identification of Product

Manufacturer's Name: Microcell Products Company  
Emergency Phone Number: 931 528 5630 Dave Hedgecoth  
Address: 2258 West Broad Street  
Cookeville, TN 38501  
Trade Name: Blue Premix  
Chemical Name: Glycol Ink  
Chemical Family: Mixture of Glycols, Plasticizers, and Colorants  
Chemical Formula: Propriety

Section II - Hazardous Components of Mixture

Ingredient	%	CAS Reg.	Toxicological Information
1,5-pentanediol	2%	111-29-5	Not Considered Toxic
Oleic Acid	3%	112-80-1	Not Considered Toxic
Diethylene Glycol	10%	111-46-6	Not Considered Toxic
Castor Oil Ester	10%	78-22-8	Not Considered Toxic
Butylated Phosphate	25%	115-86-6	Mildly Toxic LD50 4700mg/kg
Blue Dye	10%	Basic Blue 1	Unknown

Occupational Control Procedures:

**Eye Protection:** This ink gives a slight reaction in the eyes of test rabbits. It is advised, however to wear safety glasses or goggles when handling this material as the colorants used in the ink will stain the eye tissue and remain stained for several days. If splashed into the eyes, wash immediately with warm water. This ink is soluble in warm water and should wash out quickly. Afterwards, seek medical help.

**Skin Protection:** No ill effects were noted when the ink was applied to the skin of rabbits, however it is advised to wear gloves when handling the ink as the skin can and will be stained upon contact. If contact does occur, wash the affected area with waterless hand cleaner, or warm soap and water. The colorant stains will wear off in a few days.

**Respiratory:** This material being a liquid and not having an appreciable vapor pressure cannot be inhaled.

**Ventilation:** This material in its natural state does not produce appreciable vapors, and specific ventilation is not required.

**Ingestion:** This material is slightly toxic. Ingestion of small amounts should produce little if any effect. In larger amounts, slight gastro-intestinal discomfort may ensue. Ingestion of larger amounts, greater than 5 grams per kilogram of body weight should be treated as acute exposure to butylated triphenyl phosphate.

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**Fire Protection:** (This material is not considered flammable)  
**Flash Point:** In excess of 200 Degrees C.  
**Explosion Danger:** None at temperatures up to 150 C  
**Combustion Products:** Carbon Dioxide, Water, Traces of P<sub>x</sub>O<sub>x</sub>  
**Special Fire-fighting Information:** Water Spray, CO<sub>2</sub> or Class B  
**Reactivity Data:** Stable

**Physical Data:**

**Appearance:** Blue Liquid  
**Specific Gravity:** 1.005 (8.5 pounds/gallon)  
**Boiling Point:** Unknown but in Excess of 200 C  
**Solubility in Water:** 70% Soluble  
**Evaporation rate:** Negligible  
**Viscosity:** Approx. 1000 cps (10 poise)

**Spill Cleanup Data:**

Spills should be cleaned up by first using sawdust, cat litter, powdered clay, dirt, paper towels, or other absorbent material. The remainder can be removed by using warm water and a good detergent with repeated applications. Some stain will remain from the colorants. This will eventually wear away. Application of diluted household chlorine bleach will help remove the stain. The colorants in this ink are especially affected by chlorine bleach, either full strength or diluted.