



**MATERIAL SAFETY DATA SHEET  
REMANUFACTURED HP 9363 (97)**

**SECTION 1: IDENTIFICATION**

**MANUFACTURER:**

**EMERGENCY NUMBER:**

**ADDRESS:**

**INFORMATION NUMBER:**

**DATE OF REVISION:** July 17, 2006

**SECTION 2: PRODUCT COMPONENTS**

| INGREDIENTS        | CAS#.         | Cyan WT. % | Magenta WT. % | Yellow WT. % |
|--------------------|---------------|------------|---------------|--------------|
| Glycol Solvent     | FL PROP96     | 1 – 10     | 5 – 15        | 1 – 10       |
| Dye                | SUPPLYPROP 95 |            | 5 – 15        |              |
| n-Butanol          | 71-36-3       | < 2        | < 2           |              |
| Ethanol            | 64-17-5       | < 2        | < 2           |              |
| Glycol             | FL PROP106    |            |               | 1 – 10       |
| Isopropyl Alcohol  | 67-63-0       |            |               | 1 – 10       |
| 2-Pyrrolidone      | 616-45-5      | 10 – 20    |               |              |
| Phthalocyanine Dye | FL PROP52     | 1 – 10     |               |              |

**SECTION 3: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** This product contains cyan (blue), magenta (red), and yellow liquids with a mild odor.

**CAUTION!** May cause eye and skin irritation. Ingestion may cause gastrointestinal irritation, headache, nausea, and diarrhea.

See Section 11 for detailed health effects information.

**SECTION 4: EMERGENCY and FIRST AID PROCEDURES**

**INGESTION:** Call a poison control center or doctor immediately for treatment advice. If conscious, give one 8 ounce glass of water to dilute. DO NOT induce vomiting unless directed by medical personnel. Do not give anything by mouth to or induce vomiting in a person who is unconscious or convulsing.

**SKIN CONTACT:** Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists. Launder contaminated clothing before reuse. Discard contaminated clothing such as shoes that cannot be decontaminated.

**EYE CONTACT:** Flush Flush eyes with water for 15 minutes while lifting the upper and lower lids. Get medical attention.

**INHALATION:** Remove victim to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

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**SECTION 5: FIRE and EXPLOSION HAZARD DATA**

**FLASH POINT:** None

**AUTOIGNITION TEMPERATURE:** Not available

**FLAMMABLE LIMITS:** (vol % in air) LEL: NA

UEL: NA

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide and dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposed containers and structures with water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and carbon dioxide.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate protective clothing as described in Section 8. Dike spill and absorb with an inert material. Collect into closable containers for proper disposal. Report spill as required by local and federal regulations.

**SECTION 7: HANDLING and STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Protect containers from physical damage. Store in a cool (68°F), dry area away from oxidizers and other incompatible materials.

Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Use with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

**SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION**

| INGREDIENTS        | CAS#.         | EXPOSURE LIMITS  |
|--------------------|---------------|--|
| 2-Pyrrolidone      | 616-45-5      | None Established   |
| Glycol Solvent     | FL PROP96     | 10 mg/m <sup>3</sup> OSHA PEL TWA (mist only)<br>10 mg/m <sup>3</sup> ACGIH TLV (mist) |
| Dye                | SUPPLYPROP 95 | None Established   |
| n-Butanol          | 71-36-3       | 50ppm OSHA PEL / ACGIH TLV   |
| Ethanol            | 64-17-5       | 1000ppm OSHA TWA / ACGIH TWA-TLV   |
| Glycol             | FL PROP106    | None Established   |
| Isopropyl Alcohol  | 67-63-0       | 400ppm ACGIH TWA-TLV   |
| Phthalocyanine Dye | FL PROP52     | 1.0 mg/m <sup>3</sup> OSHA (as Cu dusts/mists)<br>0.5 – 2% copper in complex form.     |

**EXPOSURE LIMITS:** Use in a well ventilated area.

**PERSONAL PROTECTIVE EQUIPMENT:** Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**PROTECTIVE CLOTHING:** Use personal protective equipment to minimize exposure to skin and eye.

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**SECTION 9: PHYSICAL and CHEMICAL PROPERTIES**

|   |  |
|---|--|
| <b>BOILING POINT (@760 mmHg):</b> 200°F                 | <b>FREEZING POINT:</b> Not available           |
| <b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b> 1.00 – 1.10 | <b>COEFFICIENT of WATER/OIL:</b> Not available |
| <b>VAPOR PRESSURE:</b> Not available                    | <b>EVAPORATION RATE:</b> > Butyl Acetate       |
| <b>VAPOR DENSITY (Air=1):</b> Heavier than air          |  |
| <b>SOLUBILITY IN WATER:</b> Complete                    |  |
| <b>APPEARANCE:</b> Cyan, Magenta, and Yellow liquids.   |  |

**SECTION 10: STABILITY and REACTIVITY**

**STABILITY:** Stable under recommended storage conditions.  
**CONDITIONS TO AVOID:** None known.  
**INCOMPATIBILITY:** Strong oxidizing agents, strong acids, strong bases and hydrogen peroxide.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may yield carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, acrolein and tetrahydrofuran.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**EYE CONTACT:** May cause mild irritation with redness and tearing  
**SKIN CONTACT:** Contact may cause mild skin irritation.  
**INHALATION:** None known to exist.  
**INGESTION:** Swallowing may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.  
**CHRONIC EFFECTS of OVEREXPOSURE:** None known to exist.  
**CARCINOGENICITY:** None of the components of this products are listed as a carcinogen by NTP, IARC or OSHA.  
**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known or determined for this product.  
**TOXICOLOGY DATA:** No information available:

**SECTION 12: ECOLOGICAL INFORMATION**

Do not discharge product uncontrolled into the environment.

**SECTION 13: DISPOSAL INFORMATION**

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all local, state and federal regulations.

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**SECTION 14: TRANSPORTATION INFORMATION**

**DOMESTIC TRANSPORTATION**

**DOT SHIPPING NAME:** Not Regulated  
**DOT HAZARD CLASSIFICATION:** Not Regulated  
**DOT LABELS REQUIRED (49CFR172.101):** Not Applicable  
**UN NUMBER:** None

**INTERNATIONAL TRANSPORTATION**

**IMDG SHIPPING NAME:** Not Regulated  
**IMDG CLASS:** Not Regulated  
**UN NUMBER:** Not Applicable  
**IMDG LABEL:** None

**SECTION 15: REGULATORY INFORMATION**

**OSHA HAZARD CLASSIFICATION:** Irritant, target organ effects  
**EPA SARA 311 HAZARD CLASSIFICATION:** Acute health  
**SARA TITLE 111 SECTION 313 INFORMATION:** This product contains the following chemicals that are regulated under SARA 313:

| <b>COMPONENT</b> | <b>CAS #</b> | <b>WT%</b> |
|------------------|--------------|------------|
| n-Butanol        | 71-36-3      | < 2%       |

**CERCLA HAZARDOUS SUBSTANCE (40CFR 116):** Not applicable  
**REPORTABLE QUANTITY:** Not applicable  
**CALIFORNIA PROPOSITION 65 INFORMATION:** This product contains no California Proposition 65 regulated chemicals.  
**WHMIS CLASSIFICATION:** Class D - Division 2 - Subdivision B (Toxic material causing other chronic effects)

**SECTION 16: OTHER INFORMATION**

**NFPA Rating:** Health = 2      Fire = 0      Reactivity = 0  
**HMIS Rating:** Health = 2      Fire = 0      Reactivity = 0