

# **MATERIAL SAFETY DATA SHEET**

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## **SECTION 1- PRODUCT AND COMPANY IDENTIFICATION**

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Trade Name: FM UNVC, UNVM, UNVY, UNVLC, UNVLM, UNVK, FM4500

Product Type: Water-based cyan, magenta, yellow and black inkjet ink for use in inkjet printing

Supplier: Graphic Utilities

75 Cheney Grove Road

Fort Fairfield, Maine 04742

Tel: 1-800-669-4723

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Preparer: Andrea J. Swanberg

Emergency Phone (Chemtrec 24 Hour): 1-800-424-9300

Revision: changes to accommodate format change in October, 2004

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## **SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS**

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<b>Ingredients</b>	<b>Concentration</b>	<b>C.A.S. #</b>
Water	70 – 90%	7732-18-5
Diethylene Glycol	<10.0%	111-46-6
Ethylene Glycol	<2.5%	107-21-1
Dye Azo and Phthalocyanine	< 5.0%	Confidential
Glycerin	<5.0%	56-81-5
Isopropyl Alcohol	<2.5%	67-63-0
Ethoxylated diol	<1.0%	Confidential
Proxel, GXL Biocide	<0.05%	Mixture

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## **SECTION 3 – HAZARDS IDENTIFICATION**

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HMIS: Health – 1, Fire – 0, Reactivity - 0

Inhalation Health Risks: None known

Skin and Eye Contact: May cause irritation  
Ingestion Health Risks and Symptoms of Exposure: May cause gastrointestinal irritation, vomiting, nausea, and diarrhea  
Acute Health Hazards: Moderate eye and skin irritation  
Medical Conditions Generally Aggravated By Exposure: None known or determined for the product  
Chronic Health Hazards: None known or determined for the product  
Carcinogenicity: Product not tested

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## **SECTION 4 - FIRST AID MEASURES**

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Emergency and First Aid Procedures:

In case of eye contact: Flush with water for at least 15 minutes. Seek medical attention if irritation persists.

In case of skin contact: Wash with soap and water

If swallowed: Do not induce vomiting. Call a doctor and contact local poison control center immediately.

If mist is inhaled: Remove victim to fresh air

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## **SECTION 5 – FIRE AND EXPLOSION HAZARD OF MATERIAL**

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Flammability - If yes, under which conditions	None (water based)
Means of Extinction	NA
Specific Procedures	NA
Flash Point (C) and Method	NA
Upper Explosion Limit (% by volume)	NA
Lower Explosion Limit (% by volume)	NA
Auto Ignition Temperature (C)	NA
Hazardous Combustion Products	NA
Explosion Data – Sensitivity to Mechanical Impact	NA
- Sensitivity to Static Discharge	NA

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## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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In case of accidental release ink should be absorbed with absorbent material and scooped into container for disposal. Rinse area with water.

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## **SECTION 7 – HANDLING AND STORAGE**

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Storage should be at standard room temperature (68 degrees Fahrenheit) Store away from extreme heat and extreme exposure to light. Keep container closed and stored away from traffic.

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## **SECTION 8 – PERSONAL PROTECTION**

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Eye Protection: Safety glasses with side-shields; with an eyewash station available

Respiratory Protection: Not required

Ventilation: Mechanical

Skin: Disposable gloves

Other protective equipment or clothing: impervious clothing where skin contact is unavoidable

Avoid contamination of food, drink, etc. No smoking when handling.

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## **SECTION 9 – PHYSICAL DATA**

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Physical State: liquid

Odor and appearance: odorless cyan, magenta, yellow and black

Specific Gravity: 1.00 – 1.10 (Water = 1)

PH: 5.00 – 9.00

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## **SECTION 10 – REACTIVITY DATA**

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Chemically Stable    If unstable, under what conditions?

Yes []    No []

Incompatibility to other substances    If so, which ones?

Yes []    No []

Reactivity and under what conditions

    No

Hazardous Decompositions Products

    None

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## **SECTION 11 – TOXICOLOGICAL PROPERTIES OF MATERIAL**

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Effects of Acute Exposure to Material: May cause skin and eye irritation

Exposure Limit(s): None established

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## **SECTION 12 – ECOLOGICAL**

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No information available for this product

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## **SECTION 13 – DISPOSAL INFORMATION**

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Dispose of in accordance with Local, State, Federal, Environmental regulations

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## **SECTION 14 - TRANSPORTATION**

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D.O.T. Shipping name: not regulated

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## **SECTION 15- PRODUCT REGULATORY INFORMATION**

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OSHA Status: Product not tested. It is not considered to be toxic per 29CFR1910.1200 but is considered to be a skin/eye irritant.

USA TSCA STATUS: This product meets the requirements of the Toxic Substances Control Act.

INTERNATIONAL IMPORT / EXPORT STATUS: Not determined for every country.

SARA TITLE III SECTION 313 TOXIC CHEMICALS: Product not listed.

RCRA HAZARDOUS WASTE NUMBER / STATUS: If discarded in its purchased form, this product would not be a federal hazardous waste either by listing or by characteristic.

OZONE DEPLETING CHEMICALS: No regulated ingredients

CALIFORNIA PROPOSITION 65: None listed