



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Lancer Group International
311 Saulteaux Crescent
Winnipeg, Manitoba,
Canada R3J 3C7

Emergency Telephone Number: (204) 889-7422

Trade Name: PCW Water Based Pigment Concentrate

Code: PCW Yellow PY, PCW Yellow HR, PCW Orange, PCW Red 481, PCW Red YS, PCW Red X, PCW Red BBC, PCW Lithol Rubine Red, PCW Magenta, PCW Blue GS, PCW Ultra Marine Blue, PCW Green BS, PCW Violet, PCW Black, PCW White, PCW Flo. Yellow, PCW Flo. Orange, PCW Flo. Red, PCW Flo. Pink, PCW Flo. Green, PCW Flo. Blue, PCW Flo. Violet, PCW Flo. Magenta

Chemical Family: Mixture

Product Use: Pigment use for water based screen printing inks

WHMIS Classification: Not Regulated

24 Hour Emergency Number: (613) 996-6666 CANUTEC
(Use in case of a dangerous goods emergency.)

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	Percentage	TLV (ppm)	CAS#
Ammonium Hydroxide	<1%	25-35	1336-21-6
Water	50%		
Pigments	30-50%		

SECTION 3. HAZARDS IDENTIFICATION

There is no data available on the concentrates. No known adverse health effects for the preparation if worker comply with good industrial hygiene practices.

SECTION 4. FIRST AID MEASURES

General: In all cases of doubt, when symptoms persist, seek medical attention.

Eye Contact: Flush eyes thoroughly with large amount of water for at least fifteen minutes. If irritation persists, get medical attention.

Skin Contact: Remove severely contaminated clothing and clean before reuse. Wash affected area with soap and water. Do not use solvents and thinner. Seek medical attention in the unlikely event that irritation occurs.

Inhalation: No adverse effect anticipated by this route of exposure. If symptoms show up, remove to fresh air.

Ingestion: If accidentally swallowed, rinse the mouth with water. Do not induce vomiting. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammability Properties

Flash Point (Closed Cup) °C: Non flammable material

Explosion Limit: Not applicable

Extinguishing Media: Water spray, foam, powder

Special Fire Fighting Procedures: Wear protective clothing and self-contained breathing apparatus appropriate for chemical fires

Unusual Fire and Explosion Hazards: A fire may produce dense smoke and harmful decomposition products

SECTION 6. ACCIDENTAL RELEASE MEASURES

Procedure if Material is Spilled or Released: Do not allow the material to enter drains. Contain spill with suitable absorbent material. Scoop into marked containers for disposal as chemical waste according to local regulations. Clean small residues with water and detergent. Avoid use of solvents.

SECTION 7. HANDLING AND STORAGE

Handling: No special precautions. Handle in accordance with good industrial hygiene practice and any legal requirements. Stir the product before use.

Storage: Store secure from frost in a dry area with adequate ventilation, away from sources of heat and direct sunlight. Ideal range of storage temperature is 10 –30 °C. Always store the product in containers made of material equivalent to original packing material.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide adequate ventilation at the workplace and good general extraction

Personal Protective Equipment (PPE)

Skin Protection: Resistant gloves

Footwear: Not required

Clothing: Impervious clothing should be worn when gross contact is likely

Eye Protection: Safety glasses with side shields, or goggles are recommended

Respiration Protection: Where workers are facing vapor concentration above the exposure limit, they must wear appropriate certified respirators.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Colored liquid / paste with slight ammonia odour

Boiling Range, °C: ND

Vapor Pressure (mm Hg @ 20°C): ND

Specific Gravity (Water = 1): ND

Solubility in Water: Dispersible

pH: 8-10

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility: None known under normal use condition

Hazardous Combustion Products: oxides of carbon and nitrogen

Hazardous Polymerization: will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

There is no known published data available for this product.

SECTION 12. ECOLOGICAL INFORMATION

There is no known published data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all Local, Provincial and Federal Regulations.

SECTION 14. TRANSPORT INFORMATION

Canadian TDG Shipping Description: Not classified as dangerous good

US DOT Classification: Not classified as dangerous good

SECTION 15. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of these products are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of these products are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Note: Not available

SECTION 16. OTHER INFORMATION

DISCLAIMER: All information presented herein is given in good faith and is based on sources and tests are considered to be reliable but cannot be guaranteed. It is the user's full responsibility to accept risk for the safety, toxicity, handling, storage, and use of the product as well as to determine the suitability of this product for a specific purpose. We can make no warranty as to the results to be obtained in using the product. Therefore the user must assume all risk.

MSDS Prepared by: Discovery/Lancer Group

Phone Number: (204) 885-7792

Issue Date: January 14, 2013