

Chemical preparation for Photographic use in the Offset Printing and Packaging Industry

## **MATERIALS SAFETY DATA SHEET (MSDS)**

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & THE COMPANY

- **PRODUCT NAME:** **U V WASH 70**
- **APPLICATION / USAGE:** Wash for cleaning Ink rollers and Blankets when using UV Inks.

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

- A blend of aliphatic and aromatic hydrocarbon solvents along with emulsifiers, potash alum and water.

### 3. HAZARDS IDENTIFICATION

- Flammable.
- Harmful by inhalation.
- Harmful if swallowed.

### 4. FIRST AID MEASURE

- **INHALATION:** Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.
- **INGESTION:** Do not induce vomiting. Get medical attention immediately. Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Rinse mouth thoroughly.

### 5. FIRE FIGHTING MEASURES

- **EXTINGUISHING MEDIA:** Use carbon dioxide (CO<sub>2</sub>). Alcohol resistant foam. Dry chemicals, sand etc

### 6. ACCIDENTAL RELEASE MEASURES

- **SPILL CLEANUP METHODS:** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Absorb in dry sand or earth and place in to containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

### 7. HANDLING AND STORAGE

- **USAGE PRECAUTIONS:** Keep away from heat, sparks, and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level
- **STORAGE PRECAUTIONS:** Combustible – keep away from oxidizers, heat and flames. Keep in cool, dry Ventilated storage and closed containers. Protect from light, including direct sunrays. Keep in original container..

### 8. STABILITY AND REACTIVITY

- **STABILITY:** Normally stable.
- **CONDITIONS TO AVOID:** Avoid contacts with acids and oxidizing substances. Strong alkalis. Avoid heat, flames and other sources of ignition
- **MATERIALS TO AVOID:** Strong oxidizing agents.

### 9. TOXICOLOGICAL INFORMATION

- **HEALTH WARNINGS:** Irritant of eyes & mucous membranes. Acts as a defatting agent on skin. Prolonged or repeated exposure may cause irritation.

## 10. PHYSICAL & CHEMICAL PROPERTIES

- **APPEARANCE:** Clear Transparent Liquid
- **ODOUR:** Mild Aromatic odour
- **BOILING POINT:** 155 °C TO 210°C
- **SOLUBILITY IN WATER:** Forms emulsions with water and soluble in hydrocarbons and chemical solvents
- **SPECIFIC GRAVITY:** 0.89 + 0.01

## 11. EXPOSURE CONTROL AND PERSONAL PROTECTION

- **PROTECTIVE EQUIPMENTS**
  - Provide eyewash station
  - Provide sufficient ventilation during operation
  - Use protective gloves made of PVC
  - Wear safety goggles

## 12. ECOLOGICAL INFORMATION

- **DEGRADABILITY:** This product is biodegradable.

## 13. DISPOSAL CONSIDERATION

- **DISPOSAL METHODS:** Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE  
ROAD / SEA

- UN No. : 1268
- Hazard Class : Class 3 : Flammable Liquids
- Proper Shipping Name : PETROLEUM DISTILLATES (SOLVENT NAPHTHA PETROLEUM)
- Packing Group : III



## 15. REGULATORY INFORMATION

- LABEL FOR SUPPLY :
- RISK PHRASES : R – 10 Flammable  
R – 65 Harmful, may cause long damage if swallowed.



## 16. OTHER INFORMATION :

- All the information and different values have been compiled from data given to us by our suppliers of different ingredients, systems and also as per the mandatory directive of Occupational and Safety organisation.

## DISCLAIMER

This is an Industrial product and the information given in this sheet is based on the data obtained from reliable sources and is accurate to the best of our knowledge. It is subject to changes as part of our overall product development programme. However we do not stand responsible either for any disputes arising out of the above nor liable for any compensation claims thereof.