

Material Safety Data Sheet (MSDS)

Chemical Preparation For Photographic Use In The Offset Printing and Packaging Industry

TOP WASH

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & THE COMPANY

- APPLICATION / USAGE Water miscible wash for ink rollers blankets & dampening rollers.

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 the victim immediately from the source of exposure. Provide rest, warmth and fresh air. Rinse mouth thoroughly

5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA

Use carbon dioxide (CO₂), 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. Do not allow runoff to the sewer.

Absorb in dry sand or earth and place in to containers. Collect spillage in containers, seal securely and deliver for disposal.

7. HANDLING AND STORAGE

- USAGE PRECAUTIONS

Keep away from heat, sparks, and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapors.

- STORAGE PRECAUTIONS

Flammable / combustible – keep away from oxidizers, heat and flames. Keep in cool, dry Ventilated storage and closed containers. Protect from light, including direct sunrays.

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 defecating agent on skin. Prolonged or repeated exposure may cause irritation.

10. PHYSICAL & CHEMICAL PROPERTIES

- APPEARANCE: Clear Colorless Liquid
- ODOUR: Mild Aromatic odor
- BOILING RANGE: 140°C to 210°C
- SOLUBILITY IN WATER: Forms emulsions with water and soluble on hydrocarbons and chemical solvents
- SPECIFIC GRAVITY: 0.79 ± 0.02
- EVAPORATION RATE: < 1 (Butyl acetate = 1)
- FLASH POINT: ≥ 40°C
- VOC: 97%

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 CONSIDERATIONS

- DISPOSAL METHODS: Dispose of in accordance with local regulations. Effluent to be disposed off as per relevant government regulations.

14. TRANSPORT INFORMATION:

- LABEL FOR CONVEYANCE: ROAD / SEA
- UN NO.: 1268
- HAZARDOUS CLASS: CLASS 3 FLAMMABLE LIQUID
- PROPER SHIPPING NAME: PETROLEUM DISTILLATES N. O. S. (SOLVENT NAPHTHA PETROLEUM)
- PACKING GROUP: III



15. REGULATORY INFORMATION

- RISK PHRASES: LABEL FOR SUPPLY
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 organization.

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 programmed. However we do not stand responsible either for any disputes arising out of the above nor liable for any compensation claims thereof.