



Tenora Chem Pvt. Ltd.

CHEMICAL PREPARATION FOR PHOTOGRAPHIC USE IN THE OFFSET PRINTING INDUSTRY

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & THE COMPANY

PRODUCT NAME : TOP WASH

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

SUPPLIER : TENORA CHEM PVT. LTD.
PAP - R - 496, TTC Industrial Area, Opp. Fire Station, Rabale, Navi Mumbai - 400710

EMAIL : info@tenora.in

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2. COMPOSITION / INFORMATION ON INGREDIENTS

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

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3. HAZARDS IDENTIFICATION

- Flammable.
 - Harmful by inhalation.
 - Harmful if swallowed.
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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
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5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA: Use carbon dioxide (CO2), Foam, Dry chemicals, sand etc.
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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 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.
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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.
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9. TOXICOLOGICAL INFORMATION

- HEALTH WARNINGS : Irritant of eyes & mucous membranes. Acts as a defecting agent on skin. Prolonged or repeated exposure may cause irritation.
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10. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE	Clear Colourless Liquid
ODOUR	Mild Aromatic odour
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%

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11. EXPOSURE CONTROL AND PERSONAL PROTECTION

- PROTECTIVE EQUIPMENTS
 1. Provide eyewash station
 2. Provide sufficient ventilation during operation
 3. Use protective gloves made of PVC
 4. 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

TABLE FOR CONVEYANCE :

ROAD / SEA



UN No. : 1300

Hazard Class : Class 3 : Flammable Liquids

Proper Shipping Name : Hydrocarbon liquid ADR Class : 3
N.O.S.

Packing Group : III Classification
code F1

Labelling : 3 Hazard
ID No 30

IMDG /IMO
Marine Pollutant -
EMS F-E,S-D

15. REGULATORY INFORMATION



TABLE FOR SUPPLY :

RISK PHRASES : R-10 Flammable

R-65 Harmful , may cause lung damage if swallowed.

16. Other Information :

This Information is given in good faith and is accurate to the best of our knowledge. It is subject to changes as part of our overall product development program. No Warranty , express or implied is made. We are not liable for any compensation claims thereof. For more information consult Tenora Chem Pvt Ltd

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.