

# MATERIAL SAFETY DATA SHEET

Product name: CPS AquaWash LS  
Last revised date: 2005-03-29

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Printdate: 29-03-2005  
SDS-ID: US-D/1.0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product name: CPS AquaWash LS

Application: To remove dried ink in screen printing mesh during print run. Can be diluted up to 2:1. Container size: 1, 5,25, 210 l

Supplier: Autotype Americas, Inc.  
2050 Hammond Drive  
Schaumburg, IL 60173-3810  
Tel: 1-847-303-5900 Emergency telephone: 1-800-424-9300

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: organic solvent and surfactants.

This product is covered by the OSHA Hazard Communication Rule 29, CFR 1910.1200

The following substances shall be indicated according to legislation:  
Non-ionic surfactants: 1-10%

## 3. HAZARDS IDENTIFICATION

Human health: May irritate eyes and skin. In high concentrations, vapors may be irritating to the respiratory system. Prolonged skin contact may cause redness, irritation and dry skin.  
This product contains no ingredient listed on the NTP, OSHA or IARC carcinogen lists.

## 4. FIRST-AID MEASURES

Inhalation: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and take along these instructions.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.

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## 5. FIRE-FIGHTING MEASURES

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Specific hazards: During fire, health hazardous gases may be formed.  
The explosion limits and the flash point are stated in point 9.

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid inhalation of vapors and aerosol spray. Avoid contact with skin and eyes. For personal protection, see section 8.

Environmental precautions: Avoid release to the environment.

Methods for cleaning up: Small spillages: Absorb spillage with suitable absorbent material.  
Large spillages: Dam and absorb spillage with sand, sawdust or other absorbent.  
  
Flush contaminated area with plenty of water. For waste disposal, see section 13.

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## 7. HANDLING AND STORAGE

Safe handling advice: Avoid inhalation of vapors/spray and contact with skin and eyes. Observe good industrial hygiene practices.

Technical measures: Keep the workplace clean.

Technical precautions: Mechanical ventilation may be required.

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container. Keep at temperatures between 40°F and 85°F.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering measures: Provide adequate ventilation.
- Respiratory equipment: In case of inadequate ventilation use suitable respirator. Use respiratory equipment with gas filter, type A2. The use of filtering respirators should be limited to max. 3 hours per day.
- Hand protection: Risk of contact: Wear protective gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. The product consists of substances for which it is not possible to suggest a common suitable glove material. Therefore, a suitable type of gloves cannot be recommended without knowing the actual usage of the product. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.
- Eye protection: Risk of splashes: Wear goggles/face shield.
- Skin protection: Wear apron or protective clothing in case of splashes.
- Environmental exposure controls: Not available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: yellowish liquid
- Odor: characteristic
- pH: not relevant
- Boiling point: 460-480°F
- Flash point: 212°F
- Explosive limits: 1.0-5.8 vol.%
- Vapor pressure: <0.1 mm Hg
- Relative density: 0.97
- Solubility: Organic solvents.
- Other data: Evaporation rate. (BuAc=100): <1  
Kinematics viscosity at 104°F: <7 mm<sup>2</sup>/s  
Auto flammability: >480°F  
VOC (Volatile Organic Substances, ASTM D2369-01): 160 g/L

## 10. STABILITY AND REACTIVITY

- Stability: Stable under normal temperature conditions.
- Conditions/  
materials to avoid: Heating. Strong oxidizing substances, strong acids and strong bases.
- Hazardous  
decomposition products: None in particular.

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## 11. TOXICOLOGICAL INFORMATION

Inhalation: In high concentrations, vapors may irritate throat and respiratory system and cause coughing.

Skin contact: Degreasing. Prolonged contact may cause redness, irritation and dry skin.

Eye contact: May irritate and cause redness and pain.

Ingestion: May irritate and cause malaise.

Specific effects: Frequent inhalation of even small concentrations may cause irritability, fatigue and memory failure and eventually permanent damage to the nervous system, including the brain.  
This product contains no ingredient listed on the NTP, OSHA or IARC carcinogen lists.

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## 12. ECOLOGICAL INFORMATION

Mobility: The product is immiscible with water and will spread on the water surface. The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

Degradability: The product is biodegradable, but it must not be discharged into drains without permission from the authorities.

Ecotoxicity: The product contains a substance which is hazardous to aquatic organisms. Do not discharge into the aquatic environment.

Bioaccumulative potential: No data available on bioaccumulation.

Other adverse effects: None known.

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## 13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues according to agreement with local authorities.

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## 14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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## 15. REGULATORY INFORMATION

TSCA: All chemicals included in the product are TSCA listed.

NFPA Rating: Health:1 Fire:1 Reactivity:1 Other:-

Specific provisions: National specific regulation may apply.

National regulation: The following lists have been checked:  
The Code of Federal Regulation, Title 29, part 1910. Occupational Safety and Health Standards, Air contaminants.  
U.S. Department of health and human services: 2002 - Report on Carcinogens - 10th Ed.  
International Agency for Research on Cancer (IARC): IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Lyon: IARC, World Health Organization, 1972-2004.  
The Code of Federal Regulation, Title 40, part 261.33. Identification and listing of hazardous waste.  
The Code of Federal Regulation. Title 40, part 355.50. Emergency Planning and Notification  
The Code of Federal Regulation. Title 40, part 302.4. Designation, Reportable Quantities, and Notification.  
The Code of Federal Regulation. Title 40, part 68.130. Chemical Accident Prevention Provisions.  
The Code of Federal Regulation. Title 40, part 372.65. Toxic Chemical Release Reporting: Community Right to Know.

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## 16. OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

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The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature.  
Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by CPS Chemical Products and Services A/S