

# MATERIAL SAFETY DATA SHEET

Product name: CPS Press Wash P140  
Last revised date: 2004-01-14

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Print date: 2004-01-14  
SDS-ID: US-D/6.0

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

Product name: CPS Press Wash P140  
Application: Cleaning liquid for removal of serigrafic colors, especially plastisol inks. Container size: 1, 5, 25 and 210 l  
Supplier: Autotype Americas, Inc.  
2050 Hammond Drive  
Schaumburg, IL 60173-3810  
Emergency phone no.: 1-800-424-9300  
Tel: 1-847-303-5900

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: organic solvent and perfume.

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

The following substances shall be indicated according to legislation:

Naphtha (petroleum), hydrotreated heavy, CAS-No. 64742-48-9: 60-100 %  
D-Limonene, CAS-No. 5989-27-5: 5-10 %

## 3. HAZARDS IDENTIFICATION

Human health: Degreasing to skin. May cause allergic skin disorders in sensitive individuals. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.  
This product contains no ingredient listed on the NTP or OSHA carcinogen lists.  
IARC Cancer Review: Group 3 for D-Limonene.

Environment: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 4. FIRST-AID MEASURES

Inhalation: Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring along these instructions.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions.

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 or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Immediate transport to hospital. Bring along these instructions.

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## 5. FIRE-FIGHTING MEASURES

Extinguishing media: Extinguish with foam, carbon dioxide or dry powder. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

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 by the workplace.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. For personal protection, see point 8.

Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

Methods for cleaning up: Dam and absorb spillages with sand, earth or other non-combustible material. Flush contaminated area with plenty of water. For waste disposal, see point 13.

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## 7. HANDLING AND STORAGE

Safe handling advice: Observe good industrial hygiene practices. Avoid inhalation of vapours and contact with skin and eyes. Change contaminated clothing.

Technical measures: Work practice should minimise contact. Avoid exposure to temperatures above the flash point.

Technical precautions: Local exhaust is recommended.

Technical measures for safe storage: Follow rules for flammable liquids.

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. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapours.

<u>Chemical name:</u>	<u>Exposure limits:</u>	<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
Turpentine	100ppm			ACGIH
Jet fuels, as total hydrocarbon vapour	200mg/m <sup>3</sup>	TWA	Skin, A3	ACGIH

Respiratory equipment: In case of inadequate ventilation: Use respiratory equipment with gas filter, type A2.

Hand protection: Wear protective gloves. Nitrile gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier.

Eye protection: Risk of splashes: Wear goggles/face shield.

Skin protection: Wear apron or protective clothing in case of splashes.

Environmental exposure controls: No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear liquid  
Odour: aromatic  
pH: not relevant  
Boiling point: 340-435°F  
Flash point: 140°F  
Explosive properties: 0.6-7.0 vol%  
Vapour pressure: <1 mm Hg (68°F)  
Relative density: 0.8  
Solubility: Miscible with: solvents  
Other data: kinematic viscosity at 104°F: <7 mm<sup>2</sup>/s  
VOC (Volatile Organic Substances, ASTM D2369-01): 790 g/l

## 10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.

Conditions/ materials to avoid: Strong oxidizing substances. Avoid exposure to temperatures above the flash point.

Hazardous decomposition products: By heating and fire, carbon monoxide, carbon dioxide and low-molecular hydrocarbons may be formed.

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## 11. TOXICOLOGICAL INFORMATION

Inhalation: In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.  
LC50 (inhalation, rat): > 12200 mg/m<sup>3</sup>/4H (RTECS) for aliphatic hydrocarbons.

Skin contact: Degreasing. May irritate the skin.

Eye contact: May irritate and cause redness and pain.

Ingestion: Irritating. May be absorbed in the body and cause dizziness, nausea and vomiting.  
LD50 (oral, rat): 4400 mg/kg (RTECS) for D-Limonene.  
LD50 (oral, rat): > 10 gm/kg (RTECS) for aliphatic hydrocarbons.

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 or OSHA carcinogen lists.  
IARC Cancer Review: Group 3 for D-Limonene.

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## 12. ECOLOGICAL INFORMATION

Mobility: The product is insoluble in water and will spread on the water surface.

Degradability: The degradability of the product has not been stated.

Ecotoxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Bioaccumulative potential: No information available.

Other adverse effects: No information available.

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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

**UN-number:** 2319

**Proper shipping name:** TERPENE HYDROCARBONS, N.O.S. ( Dipentene )

Sea (IMDG):

**Class:** 3

**PG:** III

**MP:** No

**EmS:** F-E , S-D

**MFAG:** 1

Inland waterways: To be handled locally.

Air (ICAO/IATA):

**Class:** 3

**PG:** III

Land (RID/ADR):

**Class:** 3

**Packing group** III

**Primary risk label** 3

**Subsidiary risk label** -

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## 15. REGULATORY INFORMATION

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

NFPA Rating: Health:2 Fire:2 Reactivity:0 Other:-

Specific provisions:

State and local regulation may apply. As a main rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

National regulation:

The following lists have been checked:

Threshold Limit Values (2003), ACGIH, by the American Conference on Governmental Industrial Hygienists.

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, 1972-2000.

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.

The following sections contain revisions or new statements: 3, 9, 12, 14.

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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.

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