

# MATERIAL SAFETY DATA SHEET

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Date: Nov. 2001  
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## Section 1 - Chemical Product and Company Identification

**Product name:** CPS SCREEN CLEANER Vx

**General use:** To remove ink from screen printing mesh prior to screen reclaim.

**Supplier:** Autotype Americas, Inc., 2050 Hammond Drive,  
Schaumburg, IL 60173-3810.

**EMERGENCY: 1-800-424-9300**  
Information: 1-847-303-5900

**Manufacturer:** CPS - Chemical Products and Services A/S, Hejreskovvej 22, DK 3490 Kvistgaard, Denmark.  
Phone: +45 4913 8110 Fax: +45 4913 8077

## Section 2 - Composition / Information on Ingredients

Organic solvent blend, containing:

		<u>ACGIH-TLV/TWA</u>	<u>OSHA PEL/TWA</u>
Dipropylene Glycol Methyl Ether, CAS # 34590-94-8	20 - 30%	100 ppm	100 ppm
Propylene Glycol monomethyl Ether Acetate, CAS # 108-65-6	30 - 60%	--	--
Distillates (petroleum), hydrotreated light, CAS # 64742-47-8	< 10 %	100 ppm	500 ppm
N-Methyl-2-pyrrolidone, CAS # 872-50-4	5.5%		
Non-ionic surfactants	1-5%		

## Section 3 - Hazards Identification

### Emergency Overview:

**HMIS: H: 1 F: 2 R: 1 PP: B**

**Primary Entry Routes:** Inhalation, Skin and Eyes.

**Acute Effects:**

**Inhalation:** Narcotic effects and/or irritation of mucous membranes if larger amounts are inhaled.

**Eye:** Irritating.

**Skin:** May irritate and may cause dermatitis by prolonged exposure.

**Ingestion:** Irritating, but may cause lung damage, if swallowed.

**Carcinogenicity:** None of the ingredients are listed as carcinogens.

**Medical Conditions Aggravated by Long-Term Exposure:** May cause effects on central nervous system.

**Chronic Effects:** None known.

## Section 4 - First Aid Measures

**Inhalation:** Remove to fresh air.

**Ingestion:** If victim is alert give 8-16 oz water or milk. Do not administer an unconscious person.  
Do not induce vomiting. Get medical attention

**Eye contact:** Irrigate with plenty of water.

**Skin contact:** Wash with soap and water.

**Further medical treatment:** If any symptoms continue, seek medical advice.

## Section 5 - Fire Fighting Measures

**Flash Point:** 156 °F (Closed cup).

**Autoignition Temperature:** > 500 °F

**LEL/UEL:** 0.5-9.5 vol. %

**Extinguisher Media:** Powder, Carbon dioxide or foam.

**Not suitable:** Water.

**Exposure hazards:** Do not breathe fumes, which might be toxic.

**Protective equipment:** It is recommended to use breathing apparatus.

**Section 6 - Accidental Release Measures**

- Personal precautions:** Avoid contact with eyes, skin and clothing. Protect exposed skin and clothing with solvent resistant gloves/overalls. Protect eyes with OSHA approved goggles/eye protection, 29CFR 1910.133. Avoid breathing mist or vapour. Use adequate ventilation.
- Environmental precautions:** Protect watercourses.
- Methods for cleaning:** Prevent spreading with suitable absorbent. Dispose of in accordance with all local, state and Federal Regulations.

**Section 7 - Handling and Storage**

- Handling Precautions:** Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapour. Use best available controls and work practice methods to minimize employee exposure.  
Avoid contact with eyes, skin and clothing.
- Storage Precautions:** Store the product in closed containers. Recommended storage temperature: 40-85 °F.  
Keep away from heat, sparks and flame.

**Section 8 - Exposure Controls / Personal Protection**

- Exposure controls:** Provide adequate ventilation. Adequate local ventilation is recommended to control emissions.
- Respiratory equipment:** NIOSH approved organic vapor respirator is recommended if risk of exposure to mist or spray.
- Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.
- Hand protection:** Solventresistant protection gloves.
- Eye protection:** Protection goggles or face protection.
- Comments:** Never eat, drink or smoke in work areas.

**Section 9 - Physical and Chemical Properties**

- |   |   |                                       |
|---|---|---------------------------------------|
| <b>Physical state:</b> Clear liquid.    | <b>Colour:</b> Yellow.                  | <b>Odour:</b> Characteristic.         |
| <b>pH:</b> N/A                          | <b>Boiling point:</b> 355-440 ° F.      | <b>Melting point:</b> N/A             |
| <b>Flash point:</b> 156 °F.             | <b>Evaporation rate (BuAc=100):</b> < 1 | <b>Autoflammability:</b> > 500 °F.    |
| <b>Explosive limits:</b> 0,5-9,5 vol. % | <b>Oxidizing properties:</b> N/A        | <b>Vapour pressure:</b> 0,5 mm Hg     |
| <b>Relative density:</b> 1,03           | <b>Solubility:</b> Organic solvents.    | <b>Water Solubility:</b> Not soluble. |

**Section 10 - Stability and Reactivity**

- Stability:** Stable at room temperature under normal storage and handling conditions.
- Conditions to avoid:** High temperatures.
- Materials to avoid:** Strong alkaline substances.
- Hazardous decomposition products:** None, except from toxic gas, carbonoxides etc. during combustion.
- Hazardous polymerisation:** Can not occur.

**Section 11 - Toxicological Information**

- Inhalation:** May cause irritation and/or dizziness by prolonged exposure.
- Ingestion:** LD 50, oral, rats: > 3600 mg/kg.
- Skin contact:** May irritate and may cause dermatitis by prolonged exposure.
- Eye contact:** Irritating.
- Long term exposure:** May cause effects on central nervous system.

**Section 12 - Ecological Information**

- Readily biodegradable (>70 %, 28 days).
- VOC, Volatile Organic Substances (SCAQMD Rule 1171): 870 g/l.
- Not to be discharged into watercourses or sewers without permission or approval by local authorities.

**Section 13 - Disposal considerations**

- Dispose of or incinerate in accordance with all local, state and federal regulations.
- Contact your supplier or a licensed contractor for detailed recommendations.

**Section 14 - Transport information**

**This product is not hazardous for shipment.**

**UN No.:** ----

**ADR/RID Class:** ----

**ICAO/IATA Class:**----

**Packing group:** --

**IMO Class:** -----

**IMDG Code:** ----

**Marine pollutant:** No

**Proper Shipping name:** -----

**Section 15 - Regulatory information**

RCRA Hazardous number:	Not listed.
CERCLA Reportable:	Not listed.
SARA 313:	N-Methyl-2-Pyrrolidone (5.5%).
Toxic Pollutants, 40 CFR, 122, App. D:	Not listed.
Hazardous Air Pollutants:	Not listed.
Proposition 65 Chemicals:	None.

CPS Screen Cleaner Vx comply with California Rule 1171 for solvent and clean up materials.  
 New Jersey Trade secret reg.: TSRN 80100319-00-5058/59/60/61.  
 All chemicals included in the product are TSCA listed.

**Section 16 - Other information**

N/A: Not Applicable.  
 N/E: Not Established

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The information and recommendations contained in the company's literature or elsewhere are based on knowledge at the time of printing and are believed to be accurate. Whilst such details are printed in good faith they are intended to be a guide only and shall not bind the company. Due to constant development customers are urged to obtain up-to-date technical information from representatives of the company and not to rely exclusively on printed material. Customers are reminded of the importance of obtaining and complying with instructions for the handling and use of chemicals and materials supplied, as the company cannot accept responsibility to any loss or injury caused through non-compliance.