



# MATERIAL SAFETY DATA SHEET

## 1. Chemical product and company identification

**A. Product name** CN877Series  
**Synonym(s)** HP PT40 Spcl Glass Scitex Solution

**B. Recommended use and Limitations on use**  
**Recommended use** Inkjet printing

**Company identification** HP Korea House  
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**Version #** 02

## 2. Hazards identification

### A. Hazard category/Classification

**Physical hazards** Not classified.

**Health hazards** Skin corrosion/irritation Category 1  
Serious eye damage/eye irritation Category 1  
Specific target organ toxicity - single exposure Category 2

**Environmental hazards** Not classified.

### B. Warning label items including precautionary statement

- **Pictogram** None.
- **Signal word** None.
- **Hazard statement** None.
- **Precautionary statement**
  - Prevention** None
  - Response** None
  - Storage** None
  - Disposal** None

**C. Other hazards not included in the hazard category criteria (e.g. dust explosion hazard)** Not available.

## 3. Composition/information on ingredients

Chemical identity	Common and alternative names	CAS number	ID number	Content in percent (%)
Water		7732-18-5	KE-35400	> 95
Acetic Acid		64-19-7	KE-00013	< 5

## 4. First aid measures

**A. In case of eye contact** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention immediately.

- B. In case of skin contact** In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse.  
Get medical attention, if needed.
- C. In case of inhalation** Move person to fresh air immediately.  
If symptoms persist, get immediate medical attention.
- D. In case of swallowing** Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.  
Get medical attention immediately.
- E. Note to physician** Not available.

## 5. Fire-fighting measures

### A. Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media** Dry chemical, CO<sub>2</sub>, sand, earth, water spray or regular foam.

**Unsuitable extinguishing media** Not available.

**B. Specific hazards arising from the chemical (example: hazardous combustion products)** Not available.

### C. Specific methods of fire-fighting

**Special protective equipment for firefighters** Firefighters should wear full protective clothing including self contained breathing apparatus.

**C. Specific methods of fire-fighting** Firefighters should wear full protective clothing including self contained breathing apparatus.

## 6. Accidental release measures

**A. Personal precautions, protective equipment and emergency measures** Avoid contact with skin. Avoid inhalation of vapors or mists.  
Do not touch or walk through spilled material. Ensure adequate ventilation.  
Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.

**B. Environmental precautions** Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**C. Methods and materials for containment and cleaning up** Not available.

## 7. Handling and storage

**A. Precautions for safe handling** Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product.  
Use with adequate ventilation.  
Wear personal protective equipment.

**B. Conditions for safe storage (including any incompatibilities)** Keep in a cool, well-ventilated place. Store in a closed container away from incompatible materials.

## 8. Exposure controls/personal protection

### A. Exposure limit values, biological limit values, etc

#### Korea. OELs. Standards for Exposure to Chemical Substances and Physically Hazardous Factors

Components	Type	Value
Acetic Acid (CAS 64-19-7)	STEL	37 mg/m <sup>3</sup>
		15 ppm
	TWA	25 mg/m <sup>3</sup>
		10 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Acetic Acid (CAS 64-19-7)	STEL	15 ppm
	TWA	10 ppm

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** Exposure limits have not been established for this product.

**B. Appropriate engineering controls** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

### C. Personal protective equipment

• **Respiratory protection** Not available.

- **Eye protection** Wear safety glasses; chemical goggles (if splashing is possible).
- **Hand protection** Gloves.
- **Body protection** Wear suitable protective clothing.

**Hygiene measures** Keep away from food and drink.

#### Recommended monitoring procedures

**Additional exposure data** Exposure limits have not been established for this product.

## 9. Physical and chemical properties

### A. Appearance

**Physical state** Not available.

**Color** Clear.

**B. Odor** Not available.

**C. Odor threshold** Not available.

**D. pH** Not available.

**E. Melting point/freezing point** Not available.

**F. Boiling point, initial boiling point, and boiling range** Not available.

**G. Flash point**  $\geq 212.0$  °F ( $\geq 100.0$  °C) Closed Cup

**H. Evaporation rate** Not available.

**I. Flammability (solid, gas)** Not available.

### J. Upper/lower limit on flammability or explosive limits

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**K. Vapor pressure** Not available.

### L. Solubility

**Solubility (water)** Not available.

**M. Vapor density** Not available.

**N. Specific gravity** Not available.

**O. n-octanol/water partition coefficient** Not available.

**P. Auto-ignition temperature** Not available.

**Q. Decomposition temperature** Not available.

**R. Viscosity** Not available.

**S. Molecular weight** Not available.

### Other data

**VOC (Weight %)**  $< 30$  g/L

## 10. Stability and reactivity

### A. Stability and hazardous reaction potential

**Stability** Stable at normal conditions.

**Hazardous reaction potential** Will not occur.

**B. Conditions to avoid (e.g. static discharge, shock or vibration, etc)** None known.

**C. Incompatible materials** Not available.

**D. Hazardous decomposition products** Not available.

## 11. Toxicological information

### A. Information on likely routes of exposure

- **Respiratory organs** Not available.
- **Mouth** Not available.
- **Eyes** Not available.
- **Skin** Not available.

### B. Information on health hazards

- **Acute toxicity (list all possible routes of exposure)**
- **Corrosivity or irritation to the skin** Not available.
- **Serious eye damage/eye irritation** Not available.
- **Respiratory sensitization** Not available.
- **Skin sensitization** Not available.
- **Carcinogenic properties /Carcinogenicity** Not available.
- **Mutagenic properties /Mutagenicity** Not available.
- **Reproductive toxicity** Not available.
- **Specific target organ toxicity - single exposure** Not available.
- **Specific target organ toxicity - repeated exposure** Not available.
- **Aspiration hazard** Not available.

Components	Species	Test Results
Acetic Acid (CAS 64-19-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	1060 mg/kg
<i>Inhalation</i>		
LC50	Guinea pig	5000 ppm, 1 Hours
	Mouse	5620 ppm, 1 Hours
	Rat	11.4 mg/l, 4 Hours
<i>Oral</i>		
LD50	Mouse	4960 mg/kg
	Rabbit	1200 mg/kg
	Rat	3.31 g/kg
<i>Other</i>		
LD50	Mouse	525 mg/kg
	Rabbit	1200 mg/kg

**Further information** Complete toxicity data are not available for this specific formulation

## 12. Ecological information

### A. Ecotoxicity

Components	Species	Test Results	
Acetic Acid (CAS 64-19-7)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	65 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	75 mg/l, 96 hours

<b>Hazardous to the aquatic environment, acute hazard</b>	Not available.
<b>Hazardous to the aquatic environment, long-term hazard</b>	Not available.
<b>B. Persistence/degradability</b>	Not available.
<b>C. Bioaccumulative potential</b>	
<b>Bioaccumulative potential</b>	
<b>Octanol/water partition coefficient log Kow</b>	
Acetic Acid	-0.17
<b>D. Mobility in soil</b>	Not available.
<b>E. Other adverse effects</b>	Not available.
<b>Aquatic toxicity</b>	No information available.
<b>Ecotoxicity</b>	No information available.

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### 13. Disposal considerations

<b>A. Method of disposal</b>	Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.
<b>B. Disposal considerations (including disposal of contaminated containers or packaging)</b>	Not available.

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### 14. Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>ADR</b>	Not regulated as dangerous goods.

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### 15. Regulatory information

<b>A. Restrictions under the Industrial Safety and Health Law</b>
<b>Harmful Substances Prohibited from Manufacturing</b>
Not regulated.
<b>Harmful Substances Requiring Permission for Manufacture or Use</b>
Not regulated.
<b>Controlled Hazardous Substances</b>
ACETIC ACID (CAS 64-19-7)
<b>Harmful Substances Requiring Special Medical Examination</b>
Not regulated.
<b>Workplace Environmental Monitoring Harmful Materials</b>
ACETIC ACID (CAS 64-19-7)
<b>Occupational Exposure Limit</b>
ACETIC ACID (CAS 64-19-7)
<b>B. Restrictions under the Toxic Chemicals Control Law</b>
<b>Accidental Release Prevention Substances</b>
Not regulated.
<b>Banned Toxic Chemicals</b>
Not regulated.
<b>Observational Chemicals</b>
Not regulated.
<b>Restricted Chemical Substances</b>
Not regulated.

**Toxic Chemicals**

Not regulated.

**C. Restrictions under the Dangerous Substance Safety Management Act****D. Restrictions under the Wastes Control Act****Halogenated Materials in Waste Organic Solvents**

Not regulated.

**Hazardous Substances**

Not regulated.

**E. Restrictions under other foreign or domestic laws****Clean Air Conservation Act****Air Pollutants**

Not regulated.

**Specific Air Pollutants**

Not regulated.

**Regulatory information**

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

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**16. Other information****A. Source of information**

Not available.

**B. Issue date**

15-Jul-2013

**Revision date**

19-Aug-2016

**C. Number of revisions and date of most recent revision**

19-Aug-2016 (02 revision)

**D. Other**

Not available.

**Disclaimer**

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**This data sheet contains changes from the previous version in section(s):**

Other information: Disclaimer

**Manufacturer information**

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## Explanation of abbreviations

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds