



SAFETY DATA SHEET

1. Product and Company Identification

Product identifier CN877Series
Issue date 15-Jul-2013
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Version # 03
Product use Inkjet printing
Synonym(s) HP PT40 Spcl Glass Scitex Solution
Company identification HP Canada Co.
5150 Spectrum Way, Floor 6
Mississauga, Ontario, Canada L4W 5G1
Telephone 1-905-206-4725
or 1-888-447-4636

HP Inc. health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-760-710-0048
HP Inc. Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

Physical hazards Not classified.
Health hazards Serious eye damage/eye irritation Category 1
Sensitization, respiratory Category 1
Specific target organ toxicity, single exposure Category 1 (blood, respiratory system)
Environmental hazards Not classified.
OSHA defined hazards Not classified.
Label elements
Hazard symbol None.
Signal word None.
Hazard statement Not available.
Precautionary statement
Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.

3. Composition / Information on Ingredients

Hazardous components	CAS #	Percent
Acetic Acid	64-19-7	< 5

Non-hazardous components	CAS #	Percent
Water	7732-18-5	> 95

4. First Aid Measures

First aid procedures
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.
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.

Inhalation	Move person to fresh air immediately. If symptoms persist, get immediate medical attention.
Ingestion	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.

5. Fire Fighting Measures

Flash point	>= 212.0 °F (>= 100.0 °C) Closed Cup
Flammable properties	None known.
Extinguishing media	
Suitable extinguishing media	Dry chemical, CO2, sand, earth, water spray or regular foam.
Unsuitable extinguishing media	Not available.
Protection of firefighters	
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Fire fighting equipment/instructions	Not available.
Explosion data	
Sensitivity to static discharge	Not available.
Sensitivity to mechanical impact	Not available.
Hazardous combustion products	Not available.

6. Accidental Release Measures

Personal precautions	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.
Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
Methods for cleaning up	Soak up with inert absorbent material.

7. Handling and Storage

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
Storage	Keep in a cool, well-ventilated place. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

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

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value
Acetic Acid (CAS 64-19-7)	STEL	37 mg/m3
		15 ppm
	TWA	25 mg/m3
		10 ppm

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

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

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

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

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

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

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

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

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Acetic Acid (CAS 64-19-7)	PEL	25 mg/m ³
		10 ppm

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

Personal protective equipment

General Avoid contact with the skin and the eyes. Launder contaminated clothing before reuse.

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

Engineering controls Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Personal protective equipment

Eye/face protection Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection Wear suitable protective clothing.

Respiratory protection Not available.

Hand protection Gloves.

9. Physical & Chemical Properties**Appearance**

Physical state Not available.

Color Clear.

Odor Not available.

Odor threshold Not available.

pH Not available.

Vapor pressure Not available.

Boiling point Not available.

Melting point/Freezing point Not available.

Solubility (water) Not available.

Specific gravity Not available.

Flash point ≥ 212.0 °F (≥ 100.0 °C) Closed Cup

Flammability limits in air, upper, % by volume Not available.

Flammability limits in air, lower, % by volume Not available.

Auto-ignition temperature Not available.

VOC < 30 g/L

Evaporation rate Not available.

Partition coefficient (n-octanol/water) Not available.

10. Chemical Stability & Reactivity Information

Chemical stability Stable at normal conditions.

Conditions to avoid None known.

Incompatible materials Not available.

Hazardous decomposition products	Not available.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Acute effects

Skin irritation and corrosion Not available.

Serious eye damage/eye irritation Not available.

Respiratory or skin sensitization

Skin sensitization Not available.

Respiratory sensitization Not available.

Carcinogenicity Not available.

Germ cell 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.

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

Toxicological data

Components	Species	Test Results
Acetic Acid (CAS 64-19-7)		
Acute		
<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

12. Ecological Information

Ecotoxicity No information available.

Environmental effects Not available.

Aquatic toxicity No information available.

Persistence and degradability Not available.

Partition coefficient

Acetic Acid -0.17

Ecotoxicological data

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

13. Disposal Considerations

Disposal instructions 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.

14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

15. Regulatory Information

Other regulations 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/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

16. Other Information

HMIS® ratings Health: 2
Flammability: 1
Physical hazard: 0

NFPA ratings Health: 2
Flammability: 1
Instability: 0

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Prepared by HP Chemical Compliance & Toxicology Department

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Manufacturer information HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112 US
(Direct) +972 (9) 892-4628

Explanation of abbreviations

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