

1. Product and Company	y Identification		
Identification of the preparation	CN670Series		
Product use	Inkjet printing. For use only in inkjet printing		
Version #	02		
Revision date	23-May-2011		
CAS #	Mixture		
Company identification	Hewlett-Packard Company 3000 Hanover Street Palo Alto, CA 94304-1185 United States Telephone 650-857-1501		
	Hewlett-Packard health effects line (Toll-free within the US) 1-800-457-4209 (Direct) 1-503-494-7199 HP 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	n		
Emergency overview	Contact with skin and eyes may result in irritation.		
Acute health effects			
	Any potential hazards are presumed to be due to exposure to the components.		
Skin contact	<i>2-pyrrolidone</i> Contact with skin may result in irritation. <i>Substituted diol</i> Contact with skin may result in irritation.		
Eye contact	<i>2-pyrrolidone</i> Contact with eyes may result in irritation. <i>Substituted diol</i> Contact with eyes may result in irritation.		
Inhalation	<i>2-pyrrolidone</i> Inhalation may result in respiratory irritation.		
Ingestion	<i>2-pyrrolidone</i> Ingestion may result in nausea, vomiting and diarrhea.		
Potential health effects			
Routes of exposure	Potential routes of overexposure to this product are skin and eye contact		
	Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions.		
	Complete toxicity data are not available for this specific formulation		
Chronic health effec	ts None known.		
Carcinogenicity	None of the components present in this formulation at concentrations equal to or greater than 0.1% are listed by EU, MAK, IARC, NTP or OSHA.		

3. Composition / Information on Ingredients

Components	CAS #	Percent
2-pyrrolidone	616-45-5	15 - 20
Substituted diol	Proprietary	7.5 - 10

Trade Secret blue colorant Proprietary 1 - 2.5 Water 7732-18-5 >60 Composition comments This ink supply contains an aqueous ink formulation. This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazar Communication Standard). 4. First Aid Measures First aid procedures Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention. Stin contact Wash affected areas thoroughly with mild soap and water. Get medical attention. Inhalation Remove to fresh air. If symptoms persist, get medical attention. 5. Fire Fighting Measures 5. Fire Fighting Measures Extinguishing media Dry chemical, CO2, water spray or regular foam. media Suitable extinguishing media None known. Personal proceations Wear appropriate personal protective equipment. Environmental precautions Do not let product enter drains. Do not flush into surface water or sanitary sewer system. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry day, sant or diatomaceous earth, commencial sorbent, or recover using pumps. 7. Handling and Storage Keep out of the reach of children. Keep away from excessive heat or cold. 8. Exposure Controls / Personal Protection Sora up with nert absorbent material. Other information	Acrylic-Styrene Polymer		N/A	5 - 7.5
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Color Cyan Odor Not available.	9. Physical & Chemical P	roperties		
Odor Not available.	Appearance	Not available.		
	Color	Cyan		
Odor threshold Not available.	Odor	Not available.		
	Odor threshold	Not available.		

Physical state	Liquid
Form	Not available.
рН	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	200 °F (93.3 °C) Pensky-Martens Closed Cup
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	Not available.
Relative density	Not available.
Solubility (water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	246 g/l (Determined by EPA Method 24)
Other information	VOC content (less water, less exempt compounds) = 839 g/L (U.S. requirement, not for emissions) US EPA Method 24
10. Chemical Stability &	Reactivity Information
Chemical stability	Stable under recommended storage conditions.
Incompatible materials	Incompatible with strong bases and oxidizing agents.
Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons., fluorinated hydrocarbons and hydrogen fluoride.
Possibility of hazardous reactions	None known.
11. Toxicological Informa	ation
Carcinogenicity	None of the components present in this formulation at concentrations equal to or greater than 0.1% are listed by EU, MAK, IARC, NTP or OSHA.
Acute toxicity	Not available.
Serious eye damage/eye irritation	Not available.
Further information	This ink formulation has not been tested for toxicological effects. Refer to Section 2 for potential health effects and Section 4 for first aid measures.
12. Ecological Information	on
Ecotoxicity	No information available.
Aquatic toxicity	No information available.
Persistence and degradability	Not available.
Chemical fate information	This product is highly soluble in water.
13. Disposal Consideration	ons
Disposal instructions	Dispose of in compliance with federal, state, and local regulations. HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit http://www.hp.com/recycle.

14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

Not regulated as dangerous good	ds.	
15. Regulatory Informa	tion	
US federal regulations	US TSCA 12(b): Does not contain listed chemicals. US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.	
CERCLA (Superfund) reporta None	ble quantity	
Occupational Safety and Hea	Ith Administration (OSHA)	
29 CFR 1910.1200 hazardous chemical	No	
Superfund Amendments and	Reauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No	
Section 302 extremely hazardous substance	No	
Section 311 hazardous chemical	No	
State regulations		
US - Pennsylvania RTK -	Hazardous Substances: Listed substance	
2-pyrrolidone (CAS 616-	-45-5) Listed.	
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/NDSL), Australia, Japan, Philippines, South Korea New Zealand, and China.	
16. Other Information		
Other information	This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).	
HMIS® ratings	Health: 1 Flammability: 1 Physical hazard: 0	
NFPA ratings	Health: 1 Flammability: 1 Instability: 0	
Disclaimer	This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company at the time of preparatic of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.	
Issue date	23-May-2011	
Manufacturer information	Hewlett-Packard Company 1000 NE Circle Boulevard Corvallis, OR 97330-4239 US (Direct) 1-503-494-7199 (Toll-free within the US) 1-800-457-4209	

Explanation of abbreviations

ACGIHAmerican Conference of Governmental Industrial HygienistsCASChemical Abstracts ServiceCERCLAComprehensive Environmental Response Compensation and Liability ActCFRCode of Federal Regulations
CERCLA Comprehensive Environmental Response Compensation and Liability Act
Cede et Eederal Degulations
CFR Code of Federal Regulations
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