

SAFETY DATA SHEET

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

Identification of the preparation	B6Y11Series
Use of the substance/preparation	Inkjet printing.
Version No.	02
Revision date	17-Jan-2013
CAS #	Mixture
Company identification	Hewlett-Packard, Ltd. Cain Road, Amen Corner Bracknell, Berkshire, RG12 1HN Telephone 1 344 36-0000 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 Poison Information Center 0207771 5307

2. HAZARDS IDENTIFICATION

Emergency Overview Acute health effects	Contact with skin and eyes may result in irritation.		
	Any potential hazards are presumed to be due to exposure to the components.		
Skin contact	<i>1-(2-hydroxyethyl)-2-pyrrolidone</i> Contact with skin may result in irritation.		
	<i>Cyclo Amide</i> Contact with skin may result in irritation.		
Eye contact	1-(2-hydroxyethyl)-2-pyrrolidone Contact with eyes may result in irritation.		
	<i>Cyclo Amide</i> Contact with eyes may result in irritation.		
Inhalation	1-(2-hydroxyethyl)-2-pyrrolidone Inhalation may result in respiratory irritation.		
	<i>Cyclo Amide</i> Inhalation may result in respiratory irritation.		
Ingestion	<i>1-(2-hydroxyethyl)-2-pyrrolidone</i> Ingestion may result in nausea, vomiting and diarrhea.		
	<i>Cyclo Amide</i> Swallowing large amounts may cause digestive discomfort.		
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 effects	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.		
Classification	Not classified.		
Physical hazards	Not classified as a physical hazard.		
Health hazards	Not classified as a health hazard.		
Environmental hazards	Not classified as an environmental hazard.		

Components CAS # Percent EC-No. Classification Cyclo Amide Proprietary < 10 Proprietary Proprietary Proprietary < 22.359.4 Tradie Secret Pigments Proprietary < 2.5 Proprietary < 22.359.4 Tradie Secret Pigments Proprietary < 2.5	Specific hazards	Use personal protective e	quipment to mini	mize exposure to	skin and eye.
Cyclo Amide Proprietary < 10	3. COMPOSITION/INFORMATION ON INGREDIENTS				
12-hydroxyethyl/>2-pyrrolidone 3445-11-2 < 2.5 222-359-4 Trade Secret Pigments Proprietary < 2.5 Proprietary Water 7732-18-5 >70 231-791-2 Composition comments This in supply contains an aqueous ink formulation. This in supply contains an aqueous ink formulation. Sin contact Water Water 732-18-5 Sin contact Wash affected areas thoroughly with mild scap and water. Get medical attention. Skin contact Wash affected areas thoroughly with mild scap and water. Get medical attention. Instantion Remove to fresh air. If symptoms persist, get medical attention. Skin contact Wash affected areas thoroughly with mild scap and water. Get medical attention. Ingestion If ingestion of a large amount does occur, seek medical attention. Ingestion If ingestion of a large amount does occur, seek medical attention. Specific methods None known. Specific methods None known. More stablished. Refer to section 10. Product effect material, where this possible. Absorb with net absorbent such as dy clay, sand or claitoraceous earth, commercial storbents, or recover using pumps. FIRE-FIGHTING MEASURES Donot tet product ent drains. Do not flush into surface w	Components	CAS #	Percent	EC-No.	Classification
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Skin and body protectionWear appropriate chemical resistant clothing.GeneralUse personal protective equipment to minimize exposure to skin and eye.Hygiene measuresHandle in accordance with good industrial hygiene and safety practice.	Hand protection	Use protective gloves made	de of: Nitrile rubb	ber.	
GeneralUse personal protective equipment to minimize exposure to skin and eye.Hygiene measuresHandle in accordance with good industrial hygiene and safety practice.	Eye protection	Wear safety glasses with	side shields (or g	oggles).	
Hygiene measures Handle in accordance with good industrial hygiene and safety practice.	Skin and body protection	Wear appropriate chemica	al resistant clothi	ng.	
	General	Use personal protective e	quipment to mini	mize exposure to	skin and eye.
9. PHYSICAL AND CHEMICAL PROPERTIES	Hygiene measures	Handle in accordance with	h good industrial	hygiene and safe	ty practice.
	9. PHYSICAL AND CHEMI	CAL PROPERTIES			

Appearance Material name: B6Y11Series 12160 Version No.: 02 Revision date: 17-Jan-2013 Print date: 17-Jan-2013

Not available.

Physical state	Liquid
Form	Not available.
Color	Light Magenta
Odor	Not available.
Odour threshold	Not available.
pH	8 - 10
Boiling point	Not available.
Flash point	> 93.3 °C (> 200 °F) Pensky-Martens Closed Cup
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Relative density	Not available.
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available
Viscosity	Not available.
Vapor density	Not available.
Evaporation rate	Not available.
Melting point	Not available.
Freezing point	Not available.
Auto-ignition temperature	Not available.
Specific gravity	1 - 1.1
VOC	< 141 g/l
10. STABILITY AND REA	СТІVІТҮ
Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbor dioxide and/or low molecular weight hydrocarbons., fluorinated hydrocarbons Not applicable. hydrogen fluoride.
Stability	Stable under recommended storage conditions.
Materials to avoid	Incompatible with strong bases and oxidizing agents.
Hazardous polymerization	None known.
11. TOXICOLOGICAL IN	FORMATION
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 aide measures.
12. ECOLOGICAL INFOR	MATION
Ecotoxicity	No information available.
Aquatic toxicity	No information available.
13. DISPOSAL CONSIDE	PATIONS
Disposal instructions	Dispose of in compliance with federal, state, and local regulations.
14. TRANSPORT INFORM	
Further information	
	Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.
ADR Not regulated as dangerous good	5.
IATA Not regulated as dangerous good	5.
IMDG	
Not regulated as dangerous good	5.
RID	
Not regulated as dangerous good	5.
Material name: B6Y11Series	S
12100 Version No. 62 Devision	data: 17 Jan 2012 Drint data: 17 Jan 2012

15. REGULATORY INFORMATION				
Labeling				
Contains	1-(2-hydroxyethyl)-2-pyrrolidone, Cyclo Amide, Trade Secret Pigments, Water			
EC label	This product does not require a label according to EU Directive 1999/45/EC.			
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	ON			
Other information	This MSDS was prepared in compliance with EU Directive 91/155/EEC as amended by 2001/58/EC.			
Disclaimer	This Safety Data Sheet document is provided without charge to customers of Hewlett-Packarc Company. Data is the most current known to Hewlett-Packard Company at the time of preparation 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	17-Jan-2013			
This data sheet contains changes from the previous version in section(s):	TRANSPORT INFORMATION: Further information			
Manufacturer information	Hewlett-Packard Company 3000 Hanover Street Palo Alto, California 94304-1112 US (Direct) 1-503-494-7199 (Toll-free within the US) 1-800-457-4209			

Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	$\label{eq:comprehensive} Comprehensive \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
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: <value></value>	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds