



SAFETY DATA SHEET

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

Identification of the substance/preparation HP ElectroInk Blue 013
Q4028A

Use of the substance/preparation For use with HP Indigo Press series 1000 & 2000

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Version # 02

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2. HAZARDS IDENTIFICATION

GHS classification

Physical hazards Not classified.
Health hazards Not classified.
Environmental hazards Not classified.

GHS label elements

Signal word None.
Hazard symbols None.
Hazard statement The mixture does not meet the criteria for classification.

Precautionary statement

Prevention None.
Response None.
Storage None.
Disposal None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent
Petroleum hydrocarbon	90622-58-5	<80
C.I.P.B. 61 No. 42765:1	1324-76-1	<5
C.I.P.Y. 13 No.21100	5102-83-0	<1

4. FIRST AID MEASURES

Inhalation If overcome by vapor, remove person from exposure to fresh air. If breathing is difficult, give oxygen. If symptoms persist, get medical attention.

Skin contact Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

Eye contact 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. Do not apply neutralizing agents.

Ingestion Do not induce vomiting. Never give anything by mouth to an unconscious person. If ingestion of a large amount does occur, seek medical attention.

5. FIRE-FIGHTING MEASURES

Flash point	Not available.
Suitable extinguishing media	Suitable extinguishing media: Dry chemical, CO ₂ , water spray or regular foam.
Extinguishing media which must not be used for safety reasons	None known.
Specific hazards	None known.
Fire fighting equipment/instructions	Move containers from fire area if you can do it without risk. Evacuate area and fight fire from a safe distance.
Hazardous combustion products	Refer to section 10.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear appropriate personal protective equipment.
Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

7. HANDLING AND STORAGE

Handling	Avoid prolonged or repeated skin contact with this material. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.
Storage	Keep away from excessive heat or cold. Store in a cool and shaded area. Do not store in direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures	
Additional exposure data	Manufacturer recommended exposure limit based on petroleum hydrocarbon at > 75%. TWA = 171ppm (1200 mg/m ³).
Engineering measures to reduce exposure	Use in a well ventilated area.
Personal protective equipment	
Skin and body protection	Not available.
General	Use personal protective equipment to minimize exposure to skin and eye.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paste
Physical state	Solid.
Color	Blue
Odor	mild hydrocarbon-like
pH	Not available.
Melting point/Freezing point	Not available.
Boiling point, initial boiling point, and boiling range	Not available.
Flash point	Not available.
Auto-ignition temperature	Not available.
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	Not available.
Specific gravity	0.84
Solubility(ies)	
Solubility (water)	Not soluble
Partition coefficient (n-octanol/water)	Not available.

Decomposition temperature	Not available.
Other data	
Oxidizing properties	Not applicable.
Relative density	0.841 g/cm ³
VOC (Weight %)	655 g/L

10. STABILITY AND REACTIVITY

Conditions to avoid	Not available.
Hazardous decomposition products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Stability	Stable under recommended storage conditions. Azodyes when processed to printing inks, paints and plastics, begin to decompose at 390°F (200°C) and 3, 3'-dichlorobenzidine can also be formed at /above 390°F (200°C). This product is not recommended for applications where this temperature is obtained/ exceeded.
Materials to avoid	This product may react with strong oxidizing agents.
Hazardous polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Not classified.
Respiratory or skin sensitization	
Skin sensitization	Not classified.
Respiratory sensitization	Not classified.
Carcinogenicity	Not classified.
Germ cell mutagenicity	Not classified.
Toxic to reproduction	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Further information	Complete toxicity data are not available for this specific formulation Refer to Section 2 for potential health effects and Section 4 for first aid measures.

Toxicological data

Components	Species	Test Results
C.I.P.B. 61 No. 42765:1 (CAS 1324-76-1)		
Acute		
<i>Oral</i>		
LD50	Rat	>= 2000 mg/kg
C.I.P.Y. 13 No.21100 (CAS 5102-83-0)		
Acute		
<i>Oral</i>		
LD50	Rat	>= 5000 mg/kg

Toxicological information Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. ECOLOGICAL INFORMATION

Environmental effects	Not available.
Persistence / degradability	Not available.
Bioaccumulation	Not available.
Aquatic toxicity	This product has not been tested for ecological effects.
Mobility	Not available.

13. DISPOSAL CONSIDERATIONS

Disposal instructions Dispose of in compliance with federal, state, and local regulations.

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.

Further information Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

15. REGULATORY INFORMATION

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

Disclaimer This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP 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.

Prepared by HP Inc. Chemical Compliance & Toxicology Department

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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