



SAFETY DATA SHEET

1. Identification of the substance or mixture

Important information	*** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***	
Product identifier/name based on GHS	HP Indigo Priming Solution Indicator for use with HP Indigo Digital Press W3250 Q4306A	
Other means of identification		
Synonyms	Part Number Q4306A	
Recommended use of the chemical and restrictions on use		
Recommended use	HP product for use with HP Indigo Digital Presses W3250.	
Recommended restrictions	None known.	
Manufacturer/Importer/Supplier/Distributor information		
Company identification	PT. Hewlett-Packard Indonesia 9th Floor, Jl.Casablanca Kav.88 Prudential Centre Jakarta, Indonesia 12870	
Telephone	+62-21 5799-1088	
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	
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Email:	hpcustomer.inquiries@hp.com	

2. Hazards identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Not classified.	
Environmental hazards	Not classified.	
Label elements		
Signal word	Danger	
Hazard statement	Highly flammable liquid and vapor.	
Precautionary statement		
Prevention	Do not breathe mist or vapor. Keep away from heat.	
Response	If exposed or concerned: Get medical advice/attention.	
Storage	Store in a well-ventilated place. Keep container tightly closed. Store in accordance with local/regional/national/international regulations.	
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.	
Pictograms (hazard symbols)		
Other hazards which do not result in classification	None known.	
Supplemental information	None.	

3. Composition / information on ingredients

Substance or mixture	Mixture		
Chemical property			
Chemical name	CAS Number	Concentration (%)	
Ethyl Alcohol	64-17-5	<100	

4. First aid measures

Description of necessary 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. Immediately take off all contaminated clothing. Wash clothing separately before reuse. 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	Rinse mouth with water. Drink one to two glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If ingestion of a large amount does occur, seek medical attention.
Most important symptoms/effects, acute and delayed	Not available.
Indication of immediate medical attention and special treatment needed	Not available.

5. Fire-fighting measures

Suitable extinguishing media	Suitable extinguishing media: Dry chemical, CO ₂ , water spray or regular foam.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	None known.
Specific / special fire-fighting procedures	Wear suitable protective equipment. Move containers from fire area if you can do it without risk. Evacuate area and fight fire from a safe distance.
Special protective equipment and precautions for firefighters	Not available.

6. Accidental release (spill or leakage) measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate personal protective equipment.
Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
Methods and materials for containment and cleaning up	Not available.

7. Handling and storage

Preventative measures for safe handling

Local and general ventilation	Provide good ventilation.
Safe handling advice	Avoid contact with eyes and prolonged skin contact. Do not breathe vapors or spray mist. Wear appropriate personal protective equipment.
Precautions for safe handling	Not available.
Conditions for safe storage	
Suitable storage conditions	Store in accordance with local/regional/national/international regulation. Store in a cool, dry place out of direct sunlight. Protect against direct sunlight.
Any incompatibilities	Not available.

8. Exposure controls/personal protection

Control parameters

Indonesia. OELs (Minister of Manpower and Transmigration Regulation No. Per.13/MEN/X/2011 concerning Threshold Limit Values, Annex II)

Components	Type	Value
Ethyl Alcohol (CAS 64-17-5)	TWA	1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethyl Alcohol (CAS 64-17-5)	STEL	1000 ppm

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Use in a well ventilated area.
Individual protection measures, such as personal protective equipment	
Respiratory protection	Not available.
Hand protection	Not available.
Eye/face protection	Not available.
Skin and body protection	Not available.
Thermal hazards	Not available.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Empirical data of the substance or mixture

Organoleptic properties (shape, color, etc.)	clear liquid
Physical state	Liquid.
Form	Not available.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not applicable
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	172.4 °F (78 °C) (based on Ethanol)
Flash point	57.2 °F (14.0 °C) Pensky-Martens Closed Cup (based on Ethanol)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	59 kPa (based on Ethanol)
Vapor density	1.59 (based on Ethanol)
Solubility(ies)	
Solubility (water)	soluble in water, ether, acetone and oil/fats
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	689 °F (365 °C) (based on Ethanol)
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Softening point	Not applicable
Specific gravity	0.795
VOC	795 g/L

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Stable at normal conditions
Possibility of hazardous reactions	Will not occur.
Conditions to avoid	Heat, flames and sparks. Direct sources of heat.

Incompatible materials	Strong oxidizing agents., alkaline metals, strong acids and strong bases, acid chlorides, acid anhydrides, reducing agents and ammonia.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.

11. Toxicological information

Complete and comprehensive description of the various toxicological / health effects

Acute toxicity	Not available.
Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Not classified.
Respiratory or skin sensitization	
Respiratory sensitization	Not classified.
Skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.

Information on likely routes of exposure

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Contact with skin may result in mild irritation.
Eye contact	Contact with eyes may result in mild irritation.
Ingestion	Ingestion is not a likely route of exposure. Health injuries are not known or expected under normal use.

Symptoms related to the physical, chemical and toxicological characteristics Not available.

Delayed and immediate effects and also chronic effects from short and long term exposure Not available.

Numerical measures of toxicity

Interactive effects	Not available.
Mixture versus substance information	Not available.

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

12. Ecological information

Ecotoxicity

Components	Species		Test Results
Ethyl Alcohol (CAS 64-17-5)			
Aquatic			
Crustacea	EC50	Daphnia	9268, 48 Hours
Fish	LC50	Fish	12900, 96 Hours

Persistence and degradability Not available.

Bioaccumulative potential

Octanol/water partition coefficient log Kow	
Ethyl Alcohol	-0.31

Mobility in soil Not available.

Other adverse effects Not available.

Aquatic toxicity This product has not been tested for ecological effects.

13. Waste disposal

Methods of disposal	Not available.
Local disposal regulations	Dispose of in compliance with federal, state, and local regulations.
Waste from residues / unused products	Not available.
Contaminated packaging	Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport information

IATA

UN number	UN1170
UN proper shipping name	Ethanol
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	II
Environmental hazards	No.
Special precautions for user	Not available.

IMDG

UN number	UN1170
UN proper shipping name	Ethanol
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	II
Transport hazard class(es)	
Marine pollutant	No.
EmS	Not available.
Special precautions for user	Not available.

ADR

UN number	UN1170
UN proper shipping name	Ethanol
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Hazard No. (ADR)	Not available.
Tunnel restriction code	Not available.
Packing group	II
Environmental hazards	No.
Special precautions for user	Not available.

ADR; IATA; IMDG



15. Regulatory information

Safety, health and environmental regulations specific for the product in question

CWC (Law of RI No. 9 of 2008 re: Prohibition on the Use of Chemicals as Chemical Weapon, March 10, 2008)

Not regulated.

Dangerous Substances that Must be Registered (Regulation of the Minister of Health of the Republic of Indonesia, No. 472/Menkes/Per/V/1996)

Not regulated.

Import and Distribution Control of Hazardous Materials (Minister of Trade Regulation No. 75/M-DAG/PER/10/2014, Annex I)

Not listed.

Precursor Chemicals (Ministry of Industry and Trade Decree No. 647/MPP/Kep/10/2004 concerning Regulation on Import of Precursors, Attachment 1, Oct. 18, 2004)

Not regulated.

Prohibited Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 1)

Not regulated.

Restricted Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 2)

Not regulated.

Toxic and Hazardous Materials List (Decree of the Ministry of Industry on the Safeguarding of Toxic and Hazardous Materials in Industrial Plants, No. 148/M/SK/4/1985)

Ethyl Alcohol (CAS 64-17-5)

Hazardous Substances Approved for Use (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment I)

Listed substances

Ethyl Alcohol (CAS 64-17-5)

Listed substances / Allowed until 2040

Not regulated.

International 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.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Montreal Protocol

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

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Version # 05

References and sources for data used to compile the SDS Not available.

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.

Revision information

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