



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 ElectroInk Olive Green 058 US Q4023A

Other means of identification Not available.

Recommended use of the chemical and restrictions on use

Recommended use For use with HP Indigo Press series 3000-5000

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company identification PT. Hewlett-Packard Indonesia
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(Direct) 1-760-710-0048

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2. Hazards identification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

Label elements

Signal word None.

Hazard statement The mixture does not meet the criteria for classification.

Precautionary statement

Prevention Not available.

Response Not available.

Storage Not available.

Disposal Not available.

Pictograms (hazard symbols) None.

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 (%)
Petroleum hydrocarbon	90622-58-5	<80
C.I.P.Y. 185 No.56290	76199-85-4	<2.5
C.I.P.B 7 No. 77266	Proprietary	<1
Fluoropolymer resin	9002-84-0	<1

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. 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.
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	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

Safe handling advice	Avoid prolonged or repeated skin contact with this material. Do not reuse the empty container. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.
Precautions for safe handling	Not available.
Conditions for safe storage	
Technical measures	Keep away from excessive heat or cold. Store in a cool and shaded area. Do not store in direct sunlight.
Suitable storage conditions	Store in accordance with local/regional/national/international regulation.
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
C.I.P.B 7 No. 77266	TWA	3.5 mg/m ³

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
C.I.P.B 7 No. 77266	TWA	3 mg/m3	Inhalable fraction.
Biological limit values	No biological exposure limits noted for the ingredient(s).		
Exposure guidelines	Manufacturer recommended exposure limit based on petroleum hydrocarbon at > 75%. TWA = 171ppm (1200 mg/m3).		
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.)	Paste
Physical state	Solid.
Form	Not available.
Color	Green
Odor	mild hydrocarbon-like
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
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	Not available.
Vapor density	Not available.
Solubility(ies)	
Solubility (water)	Not soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Oxidizing properties	Not applicable.
Specific gravity	0.846
VOC	640 g/L

10. Stability and reactivity

Reactivity	Not available.
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Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Will not occur.
Conditions to avoid	Not available.
Incompatible materials	This product may react with strong oxidizing agents.
Hazardous decomposition products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information

Complete and comprehensive description of the various toxicological / health effects

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

Respiratory sensitization Not classified.

Skin sensitization Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Not classified.

ACGIH Carcinogens

C.I.P.B 7 No. 77266 (CAS Proprietary)

A3 Confirmed animal carcinogen with unknown relevance to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

C.I.P.B 7 No. 77266 (CAS Proprietary)

2B Possibly carcinogenic to humans.

Fluoropolymer resin (CAS 9002-84-0)

3 Not classifiable as to carcinogenicity to humans.

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

Components	Species	Test Results
C.I.P.B 7 No. 77266		
Acute		
Oral		
LD50	Rat	> 10000 mg/kg
C.I.P.Y. 185 No.56290 (CAS 76199-85-4)		
Acute		
Oral		
LD50	Rat	>= 5000 mg/kg

Interactive effects Not available.

Mixture versus substance information	Not available.
Other 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.

12. Ecological information

Ecotoxicity	No ecotoxicity data noted for the ingredient(s).
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
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	Not available.

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

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)

Not regulated.

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

Listed substances

Not regulated.

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 # 03

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

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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