



# SAFETY DATA SHEET

## Section 1: Identification of the chemical and of the supplier

Product identifier	4KK83Series
Other means of identification	None.
<b>Recommended use of the chemical and restrictions on use</b>	
Recommended use	Thermal sublimation ink ribbon/film used solely with photo paper and HP Sprocket Studio printing device.
Recommended restrictions	None known.
<b>Details of principal suppliers</b>	
	HP PPS Malaysia Sdn. Bhd. Ground Floor Customer Service, Block B, No.12 Jalan Gelenggang, HP Towers, Bukit Damansara Kuala Lumpur, Wilayah Persekutuan Kuala Lump, Malaysia 50490
Telephone	60-3-7953-3333
<b>HP Inc. health effects line</b>	
(Toll-free within the US)	1-800-457-4209
(Direct)	1-760-710-0048
<b>HP Inc. Customer Care Line</b>	
(Toll-free within the US)	1-800-474-6836
(Direct)	1-208-323-2551
Email:	hpcustomer.inquiries@hp.com

## Section 2: Hazard identification

Physical hazards	Not classified.	
Health hazards	Sensitization, skin	Category 1
Environmental hazards	Not classified.	

### Label elements



Signal word	Warning
Hazard statement	May cause an allergic skin reaction.
<b>Precautionary statement</b>	
Prevention	Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
Response	IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Storage	None known.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards which do not result in classification	None known.
GHS Supplemental information	Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions.

## Section 3: Composition and information of the ingredients of the hazardous chemical

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
C.i. Solvent Blue 63* (c.i. 61520*)		Proprietary	<1
C.i. Solvent Yellow 093		Proprietary	<0.1

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## Section 4: First-aid measures

<b>Inhalation</b>	Move into fresh air and keep at rest. If symptoms persist, get medical attention.
<b>Skin contact</b>	Wash affected areas thoroughly with mild soap and water. If skin irritation or rash occurs: Get medical advice/attention. Remove contaminated clothing, including shoes, after flushing has begun.
<b>Eye contact</b>	Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. Make sure to remove any contact lenses from the eyes before rinsing. Do not rub eyes. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Rinse mouth out with water. If ingestion of a large amount does occur, seek medical attention. If symptoms occur, consult a physician.
<b>Most important symptoms/effects, acute and delayed</b>	Not available.
<b>Indication of immediate medical attention and special treatment needed</b>	Not available.

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## Section 5: Fire-fighting measures

<b>Suitable extinguishing media</b>	CO2, water, dry chemical, or foam
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	Irritating and/or toxic gases may be emitted upon the products decomposition.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk. Evacuate area and fight fire from a safe distance. Avoid runoff into storm sewers and ditches which lead to waterways.
<b>HAZCHEM code</b>	None.

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## Section 6: Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Avoid contact with skin Wear appropriate personal protective equipment.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground. See also section 13 Disposal considerations.
<b>Methods and materials for containment and cleaning up</b>	Sweep up or gather material and place in appropriate container for disposal.

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## Section 7: Handling and storage

<b>Precautions for safe handling</b>	Avoid contact with skin, eyes and clothing. Wash hands after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Avoid contact with oxidizing agents. Keep away from heat, sparks and flame. Store in a cool and shaded area.

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## Section 8: Exposure controls and personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Exposure limits have not been established for this product.
<b>Appropriate engineering controls</b>	Use in a well ventilated area.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Safety glasses with side-shields.
<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves.
<b>Other</b>	Not available.
<b>Respiratory protection</b>	No personal respiratory protective equipment required under normal conditions of use.
<b>Thermal hazards</b>	Not available.

**General hygiene considerations**

Avoid contact with skin, eyes and clothing.  
Do not eat, drink or smoke when using the product.  
Wash hands after handling.  
Handle in accordance with good industrial hygiene and safety practice.

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**Section 9: Physical and chemical properties****Appearance**

<b>Physical state</b>	Solid.
<b>Form</b>	Not available.
<b>Color</b>	Film. Yellow, Cyan, Transparent and Magenta.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

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**Section 10: Stability and reactivity**

<b>Reactivity</b>	None known.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Conditions to avoid</b>	None known.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition products</b>	Thermal decomposition can lead to release of irritating gases and vapors.

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**Section 11: Toxicological information****Information on likely routes of exposure**

<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Skin contact</b>	May cause sensitization by skin contact.
<b>Eye contact</b>	Contact with eyes may result in mild irritation.
<b>Ingestion</b>	Ingestion is not a likely route of exposure.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Not available.

**Information on toxicological effects**

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
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Components	Species	Test Results
C.i. Solvent Blue 63* (c.i. 61520*)		
<b>Acute</b>		
<b>Oral</b>		
<i>Liquid</i>		
LD50	Rat	> 2000 mg/kg
C.i. Solvent Yellow 093		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2500 mg/kg
<b>Inhalation</b>		
<i>Dust</i>		
LC0	Rat	7.39 mg/l
<b>Oral</b>		
<i>Liquid</i>		
LD50	Rat	> 6400 mg/kg
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.	
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met.	
<b>Skin sensitization</b>	May cause an allergic skin reaction.	
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.	
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Not available.		
<b>US NTP Report on Carcinogens: Anticipated carcinogen</b>		
Not available.		
<b>US NTP Report on Carcinogens: Known carcinogen</b>		
Not available.		
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.	
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.	
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.	
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.	

## Section 12: Ecological information

### Ecotoxicity

Components	Species	Test Results
C.i. Solvent Blue 63* (c.i. 61520*) (CAS Proprietary)		
<i>Acute</i>		
Other	EC50 Pseudokirchnerella subcapitata	> 100 % v/v, 72 h
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	EC50 Daphnia magna	> 100 % v/v, 48 h
<i>Acute</i>		
Other	EC50 Pseudokirchnerella subcapitata	> 1 mg/l, 72 h
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	EC50 Daphnia magna	> 0.407 mg/l, 48 h
<i>Chronic</i>		
Fish	LC50 Danio rerio	22.7 mg/l, 96 h

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** Complete toxicity data are not available for this specific formulation

**Bioconcentration factor (BCF)**

C.i. Solvent Yellow 093

708000 - 5572000 ml/kg

**Mobility in soil** Not available.**Other adverse effects** Not available.

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**Section 13: Disposal information****Disposal instructions** Dispose of contents/container in accordance with local/regional/national/international regulations.**Waste from residues / unused products** Not available.**Contaminated packaging** Dispose of as unused product.

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**Section 14: Transportation 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.

**HAZCHEM code** None.

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**Section 15: Regulatory information****Safety, health and environmental regulations specific for the product in question****Active Ingredients of Pesticide Product (Pesticide Act 1974, First Schedule, as amended through October 1, 2004)**

Not regulated.

**CWC (Chemical Weapons Convention) Act 2005, Schedules 1-3, as amended through CWC Regulations 2007, October 5, 2007)**

Not regulated.

**Ozone Depleting Substances (ODS) (Environmental Quality (Prohibition on the Use of CFC and Other Gases as Propellants and Blowing Agents) Order 1993, Dec. 31, 1993)**

Not regulated.

**Prohibited Use of Substances [Occupational Safety and Health (Prohibition of Use of Substance) Order 1999]**

Not regulated.

**Other information** Ordinance of the Minister of Labour and Social Policy of 06 June 2014 concerning maximum permissible concentrations and intensities of agents harmful to health in a work environment (Journal of Laws 2014 item 817).**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.

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**Section 16: Other information****Issue date** 30-May-2019**Revision date** 10-Jun-2019**Version #** 03**References** 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.

**Explanation of abbreviations**

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds