1. Identification

Product identifier: 4KK83Series

Other means of identification: None.

Recommended use: Thermal sublimation ink ribbon/film used solely with photo paper and HP Sprocket Studio printing device.

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States

Telephone: 650-857-5020

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
(Direct) 1-208-323-2551

Email: hpcustomer.inquiries@hp.com

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards: Sensitization, skin

Category 1

Environmental hazards: Not classified.

OSHA defined hazards: Not classified.

Label elements

Signal word: Warning

Hazard statement: May cause an allergic skin reaction.

Precautionary statement

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.

Hazard(s) not otherwise classified (HNOC): 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.
3. Composition/information on ingredients

### Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.i. Solvent Blue 63* (c.i. 61520*)</td>
<td>Proprietary</td>
<td>&lt;1</td>
<td></td>
</tr>
<tr>
<td>C.i. Solvent Yellow 093</td>
<td>Proprietary</td>
<td>&lt;0.1</td>
<td></td>
</tr>
</tbody>
</table>

4. First-aid measures

**Inhalation**
Move into fresh air and keep at rest. If symptoms persist, get medical attention.

**Skin contact**
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.

**Eye contact**
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.

**Ingestion**
Rinse mouth out with water. If ingestion of a large amount does occur, seek medical attention. If symptoms occur, consult a physician.

Most important symptoms/effects, acute and delayed
Not available.

5. Fire-fighting measures

**Suitable extinguishing media**
CO₂, water, dry chemical, or foam

**Unsuitable extinguishing media**
None known.

**Specific hazards arising from the chemical**
Irritating and/or toxic gases may be emitted upon the product's decomposition.

**Special protective equipment and precautions for firefighters**
Firefighters should wear full protective clothing including self contained breathing apparatus.

**Fire fighting equipment/instructions**
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.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Avoid contact with skin. Wear appropriate personal protective equipment.

**Methods and materials for containment and cleaning up**
Sweep up or gather material and place in appropriate container for disposal.

**Environmental precautions**
Avoid discharge into drains, water courses or onto the ground. See also section 13 Disposal considerations.

7. Handling and storage

**Precautions for safe handling**
Avoid contact with skin, eyes and clothing. Wash hands after handling.

**Conditions for safe storage, including any incompatibilities**
Avoid contact with oxidizing agents. Keep away from heat, sparks and flame. Store in a cool and shaded area.

8. Exposure controls/personal protection

**Biological limit values**
No biological exposure limits noted for the ingredient(s).

**Exposure guidelines**
Exposure limits have not been established for this product.

**Appropriate engineering controls**
Use in a well ventilated area.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**
Safety glasses with side-shields.
**Skin protection**

- **Hand protection**: Wear protective gloves.

**Other**

- Not available.

**Respiratory protection**

- No personal respiratory protective equipment required under normal conditions of use.

**Thermal hazards**

- 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.

## 9. Physical and chemical properties

**Appearance**

- **Physical state**: Solid.
- **Form**: Not available.
- **Color**: Film. Yellow, Cyan, Transparent and Magenta.

- **Odor**: Not available.
- **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 available.

- **Partition coefficient (n-octanol/water)**: Not available.

- **Auto-ignition temperature**: Not available.

- **Decomposition temperature**: Not available.

- **Viscosity**: Not available.

## 10. Stability and reactivity

- **Reactivity**: None known.

- **Chemical stability**: Stable under recommended storage conditions.

- **Possibility of hazardous reactions**: Will not occur.

- **Conditions to avoid**: None known.

- **Incompatible materials**: None known.

- **Hazardous decomposition products**: Thermal decomposition can lead to release of irritating gases and vapors.

## 11. Toxicological information

**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  May cause sensitization by skin contact.
Eye contact  Contact with eyes may result in mild irritation.
Ingestion  Ingestion is not a likely route of exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects

Acute toxicity  Based on available data, the classification criteria are not met.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.i. Solvent Blue 63* (c.i. 61520*)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>C.i. Solvent Yellow 093</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2500 mg/kg</td>
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<tr>
<td>Inhalation</td>
<td></td>
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<tr>
<td>Dust</td>
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</tr>
<tr>
<td>LC0</td>
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<td>7.39 mg/l</td>
</tr>
<tr>
<td>Oral</td>
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<td></td>
</tr>
<tr>
<td>Liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 6400 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation  Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation  Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Respiratory sensitization  Based on available data, the classification criteria are not met.
Skin sensitization  May cause an allergic skin reaction.
Germ cell mutagenicity  Based on available data, the classification criteria are not met.
Carcinogenicity  Based on available data, the classification criteria are not met.

IARC Monographs. Overall Evaluation of Carcinogenicity  Not listed.
US. National Toxicology Program (NTP) Report on Carcinogens  Not listed.

Reproductive toxicity  Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure  Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure  Based on available data, the classification criteria are not met.
Aspiration hazard  Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.i. Solvent Blue 63* (c.i. 61520*) (CAS Proprietary)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>EC50</td>
<td>Pseudokirchnerella subcapitata</td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
<td>Test Results</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia magna</td>
</tr>
<tr>
<td>Acute</td>
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<tr>
<td>Other</td>
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<td>Chronic</td>
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</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Danio rerio</td>
</tr>
</tbody>
</table>

**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.

### 13. Disposal considerations

**Disposal instructions**
Dispose of contents/container in accordance with local/regional/national/international 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.

### 15. Regulatory information

**US federal regulations**
US TSCA 12(b): Does not contain listed chemicals.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**
Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**
Not listed.

**SARA 304 Emergency release notification**
Not regulated.

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**
Not listed.

**SARA 311/312 Hazardous chemical**
No
Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
C.i. Solvent Blue 63* (c.i. 61520*) (CAS Proprietary)

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, including date of preparation or last revision

Issue date 30-May-2019
Revision date 11-Jun-2019
Version # 03

Other information This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

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

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