

**SAFETY DATA SHEET**

Product name: 4KK83Series

Version #: 03

Issue date: 30-May-2019

Revision date: 11-Jun-2019

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## Section II

**1. Identification of the substance/mixture and of the company/undertaking****1.1. Substance/Mixture identifier**

4KK83Series

**Other means of identification** None.**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Thermal sublimation ink ribbon/film used solely with photo paper and HP Sprocket Studio printing device.**Uses advised against** None known.**1.3. Details of the supplier of the safety data sheet**HP Computer and Printing Technologies Limited Liability Company  
Saray Mahallesi Dr. Adan Buyukdeniz Caddesi No:4 Umraniye, Pt. 8th Floor  
Istanbul, TURKEY 34752**Telephone** +90 212 224 5925**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**1.4. Emergency Telephone Number****National Poison** 114**Information Center (UZEM)****Emergency Health** 112**Services****2. Hazards identification****2.1. Classification of the substance or mixture****Classification of the substance or mixture according to SEA regulation TC28848****Physical hazards** Not classified.**Health hazards** Sensitization, skin Category 1**Environmental hazards** Not classified.**2.2 Label elements according to SEA regulation TC28848****Hazard pictograms****Signal word** Warning**Hazard statements**

H317 May cause an allergic skin reaction.

**Precautionary statements****Prevention**

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P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

## Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

## Storage

None known.

## Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3. Other hazards

None known.

## 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

### Mixture

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
1-(methylamino)-4-[(3-methylphenyl)amino]anthraquinone	<1	6408-50-0 229-059-2	-	-	
<b>Classification:</b>		Skin Sens. 1A;H317, Aquatic Chronic 4;H413			
4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one	<0.1	4702-90-3 225-184-1	-	-	
<b>Classification:</b>		Repr. 2;H361, Aquatic Chronic 4;H413			

## 4. First aid measures

### 4.1. Description of 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.

### 4.2. Most important symptoms and effects, both acute and delayed

Not available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Not available.

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**General information** Not available.

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## 5. Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** CO<sub>2</sub>, water, dry chemical, or foam

**Unsuitable extinguishing media** None known.

**5.2. Special hazards arising from the substance or mixture** Irritating and/or toxic gases may be emitted upon the products decomposition.

### 5.3. Advice for firefighters

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

**Special fire fighting procedures** 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.

**General fire hazards** Not available.

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## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Avoid contact with skin  
Wear appropriate personal protective equipment.

**For emergency responders** Wear appropriate protective equipment and clothing during clean-up.  
Use personal protection recommended in Section 8 of the SDS.

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

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

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS.  
For waste disposal, see section 13 of the SDS.

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## 7. Handling and storage

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

**7.2. 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.

**7.3. Specific end use(s)** Not available.

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## 8. Exposure controls/personal protection

### 8.1. Control parameters

**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** Not available.

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

### 8.2. Exposure controls

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

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

**General information** Use personal protective equipment to minimize exposure to skin and eye.

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

**Skin protection**

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<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.
<b>Hygiene measures</b>	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.
<b>Environmental exposure controls</b>	Not available.

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## 9. Physical and chemical properties

### 9.1. Information on basic 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>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.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>9.2. Other information</b>	No relevant additional information available.

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## 10. Stability and reactivity

<b>10.1. Reactivity</b>	None known.
<b>10.2. Chemical stability</b>	Stable under recommended storage conditions.
<b>10.3. Possibility of hazardous reactions</b>	Will not occur.

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<b>10.4. Conditions to avoid</b>	None known.
<b>10.5. Incompatible materials</b>	None known.
<b>10.6. Hazardous decomposition products</b>	Thermal decomposition can lead to release of irritating gases and vapors.

## 11. Toxicological information

**General information** Not available.

### 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** Not available.

### 11.1. Information on toxicological effects

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

Components	Species	Test Results
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1-(methylamino)-4-[(3-methylphenyl)amino]anthraquinone (CAS 6408-50-0)

#### Acute

##### Oral

*Liquid*

LD50	Rat	> 2000 mg/kg
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4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one (CAS 4702-90-3)

#### Acute

##### Dermal

LD50	Rat	> 2500 mg/kg
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##### Inhalation

*Dust*

LC0	Rat	7.39 mg/l
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##### Oral

*Liquid*

LD50	Rat	> 6400 mg/kg
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**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.

**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.

**Mixture versus substance information** Not available.

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**Other information** Not available.

## 12. Ecological information

### 12.1. Toxicity

Components		Species	Test Results
1-(methylamino)-4-[(3-methylphenyl)amino]anthraquinone (CAS 6408-50-0)			
<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
4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one (CAS 4702-90-3)			
<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

**12.2. Persistence and degradability** Not data is available on the degradability of this product.

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

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

### Bioconcentration factor (BCF)

4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one 708000 - 5572000 ml/kg

**12.4. Mobility in soil** Not available.

**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**12.6. Other adverse effects** Not available.

## 13. Disposal information

### 13.1. Waste treatment methods

**Residual waste** Not available.

**Contaminated packaging** Dispose of as unused product.

**EU waste code** Not available.

**Disposal methods/information** 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.

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## 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Annexes I, III, IV, Restrictions on Use, Placing on Market and Production of Dangerous Substances

Not listed.

#### List of Priority Substances, By-Law on Inventory and Control of Chemicals, No 27092

Not listed.

#### Prohibited Chemicals at Work. Regulation on Protection of Health and Safety Measures from Risks related to Chemical Agents at Work, Annex III

Not listed.

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## 16. Other information

References	Not available.
Information on evaluation method leading to the classification of mixture	Not available.
Full text of any H-statements not written out in full under Sections 2 to 15	H317 May cause an allergic skin reaction. H361 Suspected of damaging fertility or the unborn child. H413 May cause long lasting harmful effects to aquatic life.
Revision information	None.
Training information	Not available.
Compiler of the Safety Data Sheet	HP Inc.
Competency certificate number	Not available.
Competency certificate date	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.

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## 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