

# SAFETY DATA SHEET

## Ink Cartridge

Version: V.3

NO. 20160911018

Creation Date: 2016/01/17

Revision Date: 2021/06/01

**\*Prepared according to UN GHS (the 6<sup>th</sup> revised edition)**

## 1. Identification of the chemical and supplier

### 1.1 Product identifier

Product Name	INK CARTRIDGES
Internal Code	KM-INK
Manufacturer	Zhuhai National Resources & Jingjie Printing Technology Co., Ltd
Chemical Formula	Not applicable

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use	Inkjet printing
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### 1.3 Details of the supplier of the Safety Data Sheet

Name of the company	JIASHAN KAMO DIANZISHANGWU Co. ltd
Address of the company	Room 1301-5, East Yangguang Road, NO. 185, jiashan, Jiaxing, CN, 314100, China
Post code	314100
Telephone number	+86 (573)-84295160
E-mail address	info@kamo.ink

### 1.4 Emergency telephone number

Emergency phone number	+86 (573)-84295160
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## 2. Hazards identification

### 2.1 Hazard classification according to GHS

Classification of the GHS: No date for classification.

## 2.2 Label elements

Hazard pictograms	NONE
Signal word	NONE

## 2.3 Hazard statements

Not available

## 2.4 Precautionary statements

### Prevention

Not available

### Response

Not available

### Storage

Not available

### Disposal

Not available

## Other hazards

Potential routes of overexposure to this product are skin and eye contact.

Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions.

Complete toxicity data are not available for this specific formulation.

## 3. Composition/information on ingredients

Substances/ mixture: Mixture

Product/ingredient name	Cas No.	EC No.	Concentration (weight percent, %)
Water	7732-18-5	231-791-2	70%-90%
Solid-state Dye	-	-	1.5%-10%
Diethylene glycol	111-46-6	203-872-2	2%-3.5%

Glycerin	56-81-5	200-289-5	0.5%-2%
Surfactant	-	-	2%-4%

## 4. First aid measures

### 4.1 Description of first aid measures

General advice	Not available
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
Skin contact	Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists
Ingestion	If ingestion of a large amount does occur, seek medical attention
Inhalation	Remove to fresh air. If symptoms persist, get medical attention

### 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

## 5. Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media	Use dry chemical, CO <sub>2</sub> , water spray or regular foam
Unsuitable extinguishing media	None known

### 5.2 Specific hazards arising from the substance or mixture

Not available

### 5.3 Advice for firefighters

Not available

## 6. Accidental release measures

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

Wear appropriate personal protective equipment

**6.2 Environmental precautions**

Do not let product enter drains. Do not flush into surface water or sanitary sewer system

**6.3 Methods and materials for containment and cleaning up**

Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps

**7. Handling and storage****7.1 Precautions for handling**

Do not get in eyes or on skin or clothing

**7.2 Precautions for storage**

Keep out of the reach of children. Store in cool place. Keep away from excessive heat or cold

**8. Exposure controls/personal protection****8.1 Control parameters****Occupational Exposure limit values**

No exposure limits noted for ingredient(s)

**Biological limit values**

No biological exposure limits noted for the ingredient(s)

**Monitoring methods**

Not available

**8.2 Engineering controls**

Use in a well ventilated area

**8.3 Personal protection measures**

General requirement	Use personal protective equipment to minimize exposure to skin and eye
Eye protection	Not available
Hand protection	Not available
Respiratory protection	Not available
Skin and body protection	Not available
Environmental exposure controls	Not available

## 9. Physical and chemical properties

### 9.1 Physical and chemical properties

Physical state	Translucent plastic (contain Liquid)
Colour	Liquid colour: Black Cyan Yellow Magenta
Odour	Not available
Odour threshold	Not available
pH	8-8.4
Melting point/freezing point	Not available
Initial boiling point and boiling range	94°C
Flash point (Closed cup)	> 95°C
Evaporation rate	Not determined
Flammability (solid, gas)	Not available
Upper/lower explosive limits[%(v/v)]	Not available
Vapor pressure(kPa)	Not available
Vapour density (Air = 1)	Not available
Relative density (Water=1)	> =1.0g/cm <sup>3</sup>
Solubility (mg/L)	Soluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature(°C)	Not available
Decomposition temperature(°C)	Not available
Viscosity	<= 2 cp
Explosive properties	Not available
Oxidizing properties	Not available

## 10. Stability and reactivity

### 10.1 Stability and reactivity

Reactivity	Not available
Chemical stability	Stable under recommended storage conditions
Conditions to avoid	Not available
Incompatible materials	Incompatible with strong bases and oxidizing agents
Hazardous	Under normal conditions of storage and use, hazardous

decomposition products	decomposition products should not be produced
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## 11. Toxicological information

### 11.1 Acute toxicity

Based on available data, the classification criteria are not met

### 11.2 Potential acute health effects

Reactivity	No specific test data related to reactivity available for this product or its ingredients
Eye contact	Based on available data, the classification criteria are not met Not classified as an irritant according to, Rabbit Enucleated Eye Test
Inhalation	Based on available data, the classification criteria are not met
Skin contact	Based on available data, the classification criteria are not met. Non irritant in rabbit
Ingestion	Not available

### 11.3 Potential chronic health effects

General	No known significant effects or critical hazards
Carcinogenicity	No known significant effects or critical hazards
Mutagenicity	No known significant effects or critical hazards
Teratogenicity	No known significant effects or critical hazards
Fertility effects	No known significant effects or critical hazards
Developmental effects	No known significant effects or critical hazard

## 12. Ecological information

### 12.1 Acute aquatic toxicity

Acute aquatic toxicity	No information available
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### 12.2 Chronic aquatic toxicity

Chronic aquatic toxicity	No information available
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### 12.3 Others

Bioaccumulative potential	No information available
Mobility in soil	No information available

Other adverse effects	No known significant effects or critical hazards
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## 13. Disposal considerations

### 13.1 Product

Method of disposal	Do not dispose of together with general office waste Do not allow this material to drain into sewers/water supplies Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations
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## 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

List of goods banned for importing	None of the components are listed
List of goods banned for exporting	None of the components are listed
List of toxic chemical s severely restricted for importing & exporting by China	None of the components are listed

This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No 1272/2008 as amended.

## 16. Others

### 16.1 Information on revision

Creation Date	2016/01/17
Revision Date	2021/06/01
Reason for revision	Updated

### 16.2 Sources of key data

Literature data and/or investigation reports are available through the manufacturer

### 16.3 Abbreviations and acronyms

**CAS** Chemical Abstracts Service

**DOT** Department of Transportation

### 16.4 Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 6th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. In case of any unclarity we advise consulting the supplier or an expert.