



**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

1.1 Product identifier

Product Name: AI-C0545XKR

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

Identified use(s): Pixma Ip2850 Pixma MG2450/2550/2550S/2555S/2950/3050/3051/3052/3053  
Pixma MX495 Pixma TS205/305/3150/3151 Pixma TR4550

The cartridge should be used as supplied by Aster and for use in the products stated.

Information provided on this SDS is only consistent with the use specified by Aster.

1.3 Details of the supplier of the safety data sheet

Manufacturer: Jiangxi YiBo E-TECH Co., Ltd  
Feiyu avenue No.756,Xinyu high technology industry area,  
Jiangxi province, 338004 China  
Telephone: +86 (0)790 7131699

Aster Graphics Company Limited  
No. A22-23, Bld. D1, Phase VIII, New Town, Agile Garden  
Sanxiang, Zhongshan, Guangdong  
528463 China  
Telephone: +86 (0)760 86331988

E-Mail (competent person): EU: [europa@goaster.com](mailto:europa@goaster.com)  
US: [usasales@goaster.com](mailto:usasales@goaster.com)

**SECTION 2: HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture EU Classification: Not classified as hazardous according to EU Directive 1272/2008/EC.

Australia Classification: Not classified as hazardous according to the criteria of NOHSC.

2.2 Label elements Label elements according to EU Directive 1272/2008/EC: None

2.3 Other hazards None

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

COMPOSITION/SUBSTANCE	CAS No.	%W/W
Water	7732-18-5	<80
1,5-pentanediol	111-29-5	<10
2-pyrrolidone	616-45-5	<10
Modified Carbon Black #6	Proprietary	<10
Substituted diol	Proprietary	<2.5

This ink supply contains an aqueous ink formulation.

Composition comments

This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

#### **SECTION 4: FIRST AID MEASURES**

##### 4.1 Description of first aid measures

Inhalation:	Obtain immediate medical attention. In case of accident by inhalation remove casualty to fresh air and keep at rest.
Skin Contact:	Remove contaminated clothing immediately and wash affected skin with plenty of water or soap and water.
Eye Contact:	Obtain medical attention. If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes.
Ingestion:	Obtain medical attention. Wash out mouth with water and give 200-300 ml (half a pint) of water to drink.

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

If symptoms persist, obtain medical attention.

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

Treat symptomatically.

#### **SECTION 5: FIRE-FIGHTING MEASURES**

##### 5.1 Extinguishing media

Suitable Extinguishing Media: Extinguish preferably with dry chemical, Carbon dioxide, Water spray, Foam.

Unsuitable Extinguishing Media: Noen Known.

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

Noen Known.

##### 5.3 Special firefighting procedurse

None established.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

##### 6.1 Personal precautions, protective

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. such as dry sand or diatomaceous earth, commercial sorbents, or recover using pumps.

##### 6.3 Methods for cleaning up

Soak up with inert absorbent material.

#### **SECTION 7: HANDLING AND STORAGE**

##### 7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing.

##### 7.2 Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep away from oxidizing agents.

#### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

##### 8.1 Exposure guidelines

Exposure limits have not been established for this product.

Personal portective equipment

Use personal protective equipment to minimize exposure to skin and eye.

General hygeine

Handle in accordance with good industrial hygiene and safety practice.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

##### 9.1 Information on basic physical and chemical properties

Color: Black

Color:	Yellow
Color:	Cyan
Color:	Magenta
Physical state	Not available.
Odor threshold	Not available.
pH (Value):	7.5-8.2
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not determined
Flash point	> 200 °F (> 93.3 °C); Pensky-Martens Closed Cup
Evaporation rate	Not available.
Flammability	Not available.
Flammability limit in air, upper, % by volume	Not available.
Flammability limit in air, lower, % by volume	Not available.
Vapor pressure	Not determined
Vapor density	> 1 (air = 1.0)
Specific gravity	1-1.2
Relative density	Not available
Solubility in water	Soluble in water
Partition coefficient (n-octano/water)	Not available.
Auto-ignition	Not available.
Decomposition	Not available.
VOC	<3%
Viscosity	>2 cp

#### SECTION 10: STABILITY AND REACTIVITY

10.1 Chemical stability	Stable under recommended storage conditions.
10.2 Possibility of hazardous reactions	None.
10.3 Incompatible materials	Incompatible with strong bases and oxidizing agents.
10.4 Hazardous Decomposition	Contains: Carbon monoxide, Carbon dioxide.

#### SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Not available.

#### SECTION 12: ECOLOGICAL INFORMATION

No data available on the adverse effects of this product on the environment.

12.1 Aquatic toxicity	LC50/96h/Fathead minnows =>750 mg/L.
12.2 Persistence and degradability	Not available.

#### SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of in compliance with Federal, State and local regulations
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#### SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations ' Recommendations on the Transport of Dangerous Goods '.

14.1 UN number	None.
14.2 Proper Shipping Name	None.
14.3 Transport hazard class(es)	None.
14.4 Packing Group	None.
14.5 Environmental hazards	None.
14.6 Special precautions for user	None.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

EU: Not classified as dangerous for supply/use. (1272/2008/EC) Hazard Symbol, Risk Phrases, Safety Phrases: None assigned.  
USA: All chemicals in this product comply with TSCA rules and regulations including TSCA Section 5 (Inventory Rules).  
WHMIS: Not applicable. (Manufactured article)

15.2 Chemical Safety Assessment

No.

## SECTION 16: OTHER INFORMATION

Hazard Symbol:

None.

Risk Phrases:

None.

The following sections contain revisions or new statements:

All Sections.

Additional information:

The information relates only to this product. It may not be valid, if used in combination with any other materials or in any other process, and it is based on our best knowledge as of the date of preparation (revision).

References:

U.S. 29CFR Part 1910  
ACGIH Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices

EU Directive 91/322/EEC and 2000/39/EC  
IARC Monographs on the Evaluation Carcinogenic Risks to Humans World Health Organization  
NTP 11th Report on Carcinogens

Abbreviations:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International carriage of Dangerous goods by Road (EU)

DOT: Department Of Transportation (US)

EINECS: European Inventory of Existing Commercial Chemical Substances HCS: Hazard Communication Standard (US)

IARC: International Agency for Research on Cancer IATA: International Air Transport Association IMDG: International Maritime Dangerous Goods IOELV: Indicative Occupational Exposure Limit Value

NOHSC: National Occupational Health and Safety Commission

(Australia)NTP: National Toxicology Program (US)

OSHA: Occupational Safety and Health Administration (US) PEL: Permissible Exposure Limit

RID: Regulations concerning the International carriage of goods by Rail (EU) TLV: Threshold Limit Value (ACGIH)

TSCA: Toxic Substances Control Act (US)

WHMIS: Workplace Hazardous Material Information System (Canada)