

# SAFETY DATA SHEET



Date: Issued 14 APR 2025  
Version Number: 1

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

- 1.1 Product identifier  
Product Name: IC541XR  
1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s): Pixma MG2150/2250/2255/3100/3150/3155/3200/3250/3350/3500/3550/3600/3650 /4150/4250  
Pixma MX375/395/435/455/475/515/525/535 Pixma TS5150/5151

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  
EU: europe@goaster.com  
US: usasales@goaster.com

E-Mail (competent person):

## SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture EU Classification:  
Australia Classification:  
2.2 Label elements  
2.3 Other hazards

Not classified as hazardous according to EU Directive 1272/2008/EC.

Not classified as hazardous according to the criteria of NOHSC.  
Label elements according to EU Directive 1272/2008/EC: None  
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  
General  
General hygiene  
considerations  
Use personal protective equipment to minimize exposure to skin and eye.  
Handle in accordance with good industrial hygiene and safety practice.

9: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 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-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	< 3 %
VOC	> 2 cp
Viscosity	

10: STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None.
Incompatible materials	Incompatible with strong bases and oxidizing agents.
Hazardous Decomposition	Contains: Carbon monoxide, Carbon dioxide.
Product(s)	

SECTION 10.1

10.2

10.3

10.4

SECTION 11: TOXICOLOGICAL INFORMATION

11 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	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)
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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 of the Carcinogenic Risk of Chemicals to Humans World Health Organization  
NTP 11th Report on Carcinogens  
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)

Abbreviations:

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)