



INNOVATIVE INK TECHNOLOGY

Safety Data Sheet

Blue Water-Based

Part No. : 1BLU-A-DR

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Blue Water-Based
Part Number 1BLU-A-DR
Intended Use InkJet Printer ink
Manufacturer Innovative Ink Technology
Austin, TX 78752
Telephone 1-512-836-5308
Emergency Number Chemtrec 1-800-424-9300 (24 hr)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered non-hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Non-dangerous goods

Route of entry: skin, eyes contact

Result of acute contact:

Skin: unknown

Eyes: slight irritation

Inhalation: unknown

Swallow: may cause diarrhea, vomiting, abdominal pain

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration (%)
Water	7732-18-5	86%
Acrylic	79-10-7	4.3%
Triethanolamine	102-71-6	5.5%
Triethylene glycol	112-27-6	4.2%

4. FIRST AID MEASURES

Description of first-aid measures

General advice No special requirements.

Eye contact Immediately flush eyes with plenty water. Continue to rinse for at least 15 minutes. Consult physician for medical treatment, if necessary.

Skin contact	Wash thoroughly with soap and plenty of water. Consult physician for medical treatment, if necessary.
Inhalation	No special requirements.
Ingestion	Drink 1-2 glasses of water or milk. Consult physician for medical treatment, if necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use Carbon dioxide (CO₂), dry chemical, water spray. Water gun or alcohol-resistant foam fire extinguisher can be used when the fire is large.

Protective equipment and precautions for firefighters

No special requirements.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions General protection.

Environmental precautions

Environmental precautions Dilute with plenty of water.

Methods and material for containment and cleaning up

Methods for containment Use soil to block if leakage is large. Absorb with white clay or similar inert materials.

Methods for cleaning up Sweep or scrape and put into a container. Clean the contaminated area.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling (Reference Article 8 and Article 15 together)

- **Safety disposal:** use general rules for handling chemicals.
- **Fire and explosion protection measures:** no special requirements

Conditions for safe storage, including any incompatibilities

Storage

- **Storage room and container requirements:** according to local regulations
- **Stored in ordinary storage equipment:** according to local regulations
- **Further requirements regarding storage conditions:** store in a cool, dry and well-ventilated place. Avoid freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment	General protection and hygiene measures. Follow the general precautions for handling chemicals.
Respiratory equipment	No special requirements under normal use conditions.
Hand protection	No special requirements under normal use conditions.
Eye protection	Usually not needed. However, when handling the stock solution (including when there is a risk of sun exposure), it is recommended to wear safety glasses tightly.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Special smell
Appearance	No information available	Odor threshold	No information available
Color	Blue		

Property	Values	Remarks / Method
pH	7.5 - 9.5	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	Not applicable	
Pyrophoricity	Product does not ignite spontaneously	
Explosion risk	Product non-explosive	
Proportion	About 1.02 g/cm ³ at 20°C	
Water solubility / water miscibility	Completely dissolved	

10. STABILITY AND REACTIVITY

Stability	Stable.
Stability-situations to avoid	Unknown.
Incompatible substances	Unknown.
Hazardous decomposition products	No known hazardous decomposition products.
Hazardous reactions	No known dangerous reactions.
Harmful polymerization	Will not happen.
Harmful polymerization-situations to avoid	No special requirements.

11. TOXICOLOGICAL INFORMATION

Skin	Unknown.
Eye	It has an effect on the eyes.
Allergy	No allergy.
Supplemental toxicity data	According to EC classification guidelines: flammable.

12. ECOLOGICAL INFORMATION

Summarize: when used according to the purpose of the product description, it will not cause damage to the environment.

13. DISPOSAL CONSIDERATIONS

Product	It cannot be treated as domestic garbage. The undiluted product cannot enter the sewer system.
Unwashed packaging	Refer to relevant national regulations.
Recommended cleaning media	Water, use cleaning agent if necessary.

14. TRANSPORT INFORMATION

Land transportation ADR/RID ADR/RID-GGVS Classification:--
(cross-border)

Sea transportation IMDG IMDG Classification:--

Air transportation ICAO-TI ICAO/IATA:--
and IATA-DGR

Comment: according to the above regulations, this product is not dangerous.

15. REGULATORY INFORMATION**Classification according to EC regulations:**

This product is classified and labeled as non-hazardous according to current EC regulations.

All the contents of this product have been listed and excluded from the Toxic Substances Association (TSCA) chemical substance list control.

16. OTHER INFORMATION

This information is based on our current latest knowledge. It cannot be used as a guarantee for any specific product characteristics, nor can it be used as a legally binding contract.

Disclaimer:

The above content comes from relevant technical data, For reference only.

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