



INNOVATIVE INK TECHNOLOGY

# Safety Data Sheet

**Red Water-Based**

**Part No. : 1R-A-DR**

**Issuing Date** May 20, 2024

**Revision Date** May 20, 2024

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

**Product Name** Red Water-Based  
**Part Number** 1R-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.

<b>Skin contact</b>	Wash thoroughly with soap and plenty of water. Consult physician for medical treatment, if necessary.
<b>Inhalation</b>	No special requirements.
<b>Ingestion</b>	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 (CO<sub>2</sub>), 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)

<b>Personal protective equipment</b>	General protection and hygiene measures. Follow the general precautions for handling chemicals.
<b>Respiratory equipment</b>	No special requirements under normal use conditions.
<b>Hand protection</b>	No special requirements under normal use conditions.
<b>Eye protection</b>	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

<b>Physical state</b>	Liquid	<b>Odor</b>	Special smell
<b>Appearance</b>	No information available	<b>Odor threshold</b>	No information available
<b>Color</b>	Red		

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 <sup>3</sup> at 20°C	
Water solubility / water miscibility	Completely dissolved	

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

<b>Skin</b>	Unknown.
<b>Eye</b>	It has an effect on the eyes.
<b>Allergy</b>	No allergy.
<b>Supplemental toxicity data</b>	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

<b>Product</b>	It cannot be treated as domestic garbage. The undiluted product cannot enter the sewer system.
<b>Unwashed packaging</b>	Refer to relevant national regulations.
<b>Recommended cleaning media</b>	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.

**End**