

## Safety Data Sheet

### Section 1: Identification of Substance and Company Undertaking

- 1.1 Product Identifier: Image Lock - RFU
- 1.2 Relevant use: All DTG printers where pretreat solution is necessary
- 1.3 Supplier Details
- Manufacturer:* Multi-Tech, Inc.
- Distributor:* Lawson Screen & Digital Products
- Address:* 5110 Penrose St.  
St. Louis, MO 63115  
United States
- Telephone:* 314-382-9300
- 1.4 Emergency Telephone  
Number: Chemtrec: 800-424-9300

### Section 2: Hazard Identification

- 2.1 GHS Classification: Not hazardous
- 2.2 Label Elements
- Symbols:* None
- Signal word:* None
- Hazard Statements:* None
- Precautionary Statements:*
- P102 Keep out of reach of children
  - P302+P352 If on skin: Wash with soap and water
  - P332+P313 If skin irritation occurs: Get medical advice/attention
  - P501 Dispose of contents to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

### Section 3: Composition and Information on Ingredients

*Substance/Mixture: Mixture (liquid composition)*

Solution Composition	CAS No.	% By Weight	Remark
Water	7732-18-5	68 -77	none
Proprietary Organic Materials	-	10 - 20	none
Salt	8028-77-1	5 - 10	none



#### Section 4: First Aid Measures

##### 4.1 Description of Measures

*Eyes:* Immediately flush with room temperature, low pressure, clean water. Seek medical attention if irritation continues.

*Skin:* IF ON SKIN: Wash with soap and water. Take off contaminate. If skin irritation occurs, get medical advice/attention.

*Inhalation:* Remove subject to ventilated fresh air. If not breathing, give artificial respiration right away. If breathing is difficult, give oxygen. Seek immediate medical attention.

*Ingestion:* Seek medical advice, and attention if stomach continues to be upset.

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

Liquid contact with skin may cause irritation, swelling, or redness.

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

Not necessary

#### Section 5: Fire-Fighting Measures

##### 5.1 Extinguishing media

*Suitable media:* Water Spray, dry chemical, carbon dioxide, alcohol resistant foam.

*Unsuitable media:* None

##### 5.2 Special hazards from mixture:

None

##### 5.3 Firefighters:

Use PPE, avoid a leeward position.

#### Section 6: Accidental Release Measures

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

*Non-emergency personnel:* Eyes and skin protection required during clean up. Use proper ventilation.

*Emergency Responders:* None

##### 6.2 Environmental precautions:

Do not release to sewer, surface, or ground water.



6.3 Methods and material for containment and clean up  
*Spill containment:* Use sponges to wipe-up ink.

*Spill clean-up:* Rinse area with damp cloth. Place waste in close container for disposal.  
Wash hands with soap and water.

*Other Information:* Do not dispose of waste to sewer.

6.4 Reference to other sections: Please refer to Section 13 for disposal.

### **Section 7: Handling and storage**

7.1 Precautions for safe handling  
*Recommendations:* Keep out of reach of children and do not drink liquid.

*Occupation Hygiene:* Avoid contact with skin, eyes, and clothing. In case of skin contact, wash with soap and water.

7.2 Safe Storage: Do not store pretreat solution in high or freezing temperatures.  
Keep solution out of direct sunlight.  
Do not store solution with oxidizing agents or explosives.

7.3 Specific End Uses: Not specified

### **Section 8: Exposure Controls**

8.1 Control parameters: None

8.2 Exposure controls  
*Engineering controls:* Proper ventilation  
*Personal protection:* Personal protective equipment is not required under suitable use. If there is a possibility of liquid exposure, wear protective gloves, clothing, eye and face protection. Respiratory protection is not required under suitable use. Thermal hazards are not known under suitable use.

*Environmental exposure controls:* Not Established

## Section 9: Physical and Chemical Properties

### 9.1 Physical and chemical properties

<i>Appearance:</i>	Clear liquid
<i>Odor:</i>	Very Slight
<i>Odor Threshold:</i>	No data available
<i>pH:</i>	5.0-6.0
<i>Melting point:</i>	Less than 0°C
<i>Freezing point:</i>	More than 0°C
<i>Initial boiling point:</i>	No data available
<i>Boiling range:</i>	No data available
<i>Flash Point:</i>	Greater than 100°C (closed up, ASTM D3278)
<i>Evaporation rate:</i>	No data available
<i>Flammability(solid/gas):</i>	Not applicable (liquid)
<i>Upper/lower flammability:</i>	No data available.
<i>Upper/lower explosives:</i>	No data available.
<i>Vapor pressure:</i>	No data available.
<i>Vapor density:</i>	No data available.
<i>Solubility:</i>	Soluble in water
<i>Partition coefficient:</i>	N-octanol/water, no data available \
<i>Auto ignition temp:</i>	No data available.
<i>Decomposition temp:</i>	No data available.
<i>Viscosity:</i>	Less than 5 mPa-s at 20°C
<i>Explosive properties:</i>	None
<i>Oxidizing properties:</i>	None

## Section 10: Stability and Re-Activity

10.1 Re-activity:	Stable under normal temperature pressure
10.2 Chemical stability:	Stable under normal temperature and pressure
10.3 Hazard reactions:	None
10.4 Conditions to avoid:	High and freezing temperatures
10.5 Incompatible materials:	Oxidizers and explosives
10.6 Hazard decomposition:	Do data available

## Section 11: Toxicological Effects

### 11.1 Toxicological effects

<i>Acute toxicity Oral LD<sub>50</sub>:</i>	>2500mg/kg (rats)
<i>Acute toxicity Dermal LD<sub>50</sub>:</i>	>2000mg/kg (rats)
<i>Irritation eye:</i>	No data available
<i>Irritation Skin:</i>	No data available
<i>Corrosivity:</i>	No data available
<i>Sensitization:</i>	No data available
<i>Carcinogenicity:</i>	No data available



*Mutagenicity:* No data available  
*Reproduction Toxicity:* No data available

## Section 12: Ecological Information

12.1 Toxicity: No data available  
12.2 Persistence and degradability : No data available  
12.3 Bio accumulative potential: No data available  
12.4 Mobility in soil: No data available  
12.5 PBT and vPvB assessment: No data available  
12.6 Other adverse effects: No data available

## Section 13: Disposal Considerations

13.1 Waste treatment methods: Disposal should be in accordance with federal, state, and local requirements.

## Section 14: Transportation information

14.1 UN number: Not Applicable  
14.2 Proper shipping name: Not Applicable  
14.3 Transport hazard: Not Applicable  
14.4 Packing group: Not Applicable  
14.5 Environmental Hazards: Not Applicable  
14.6 Special precautions: Not Applicable  
14.7 Bulk transport  
Annex II of MARPOL 73/78  
and IBC Code: Not Applicable

## Section 15: Regulation Information (safety, health, and environmental)

15.1 U.S. Information  
*OSHA Inhalation Hazard:* Not Regulated (29 CFR 1910.1000(d)(1)(i))  
*TSCA Sec. 4(a) Final Test Rules:* Not Regulated  
*TSCA Sec. 5 SNUR:* Not Regulated  
*TSCA Sec. 8(a) PAIR:* Not Regulated  
*TSCA Sec. 12(b) 1-time Export:* Not Regulated  
*Clean Air Act Sec. 112 HAP:* Not Regulated  
*EPCRA Sec. 313 (SARATitle III):* Not Regulated  
*NFPA Hazard Rating:* Health(1), Flammability(1), Instability/Reactivity(0), Other(0)  
*HMIS Hazard Rating:* Health(1), Flammability(1), Instability/Reactivity(0), PPE(D)  
*California Proposition 65:* Not Regulated



15.2 Canada Information:

*WHMIS Controlled Product:* Not Applicable (manufactured article)

15.3 Chemical safety  
assessment:

Chemical safety assessment on liquid has not been  
conducted.

**Section 16: Other Information**

This SDS adheres to U.S. Regulatory requirements and standards and may not meet the regulatory requirements in other locations.

This is a revised Safety Data Sheet which replaces all prior U.S. MSDS for this substance.

This "Safety Data Sheet" contains health, safety and environmental information. It does not replace any precautionary language or uses and disposal information which may accompany the substance.

The information contained herein is believed to be accurate at the time of preparation, but should only be used as a guide. Lawson does not warrant the completeness or accuracy of the information contained herein. It is subject to revision from time to time.