

# MATERIAL SAFETY DATA SHEET

MSDS: 2009004010US

Date Prepared: April 13, 2009

Date Revised :

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Humidity Liquid

Company Name:

Konica Minolta IJ Technologies, Inc.

Sakura-machi 1, Hino-shi, Tokyo 191-8511 Japan

Telephone Number:

TEL: +81-42-589-3739

FAX: +81-42-589-3868

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	wt. %
Water	7732-18-5	>99
Antifoaming agent	Company confidential	< 1

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

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*****  
* Clear colorless solution. Odorless. *  
* May cause eye and mucous membrane irritation. *  
*****
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### POTENTIAL HEALTH EFFECTS

Eye Effects : May cause eye and mucous membrane irritation.

Skin Effects : May cause slight skin irritation.

Ingestion Effects : None currently known.

Inhalation Effects: No exposure excepted under normal conditions. Large amount of mist if inhaled, may cause irritation of nose and throat mucous membranes.

Chronic Effects/ Carcinogenicity:

None of the components in this material is listed by IARC, NTP or ACGIH as a carcinogen.

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## 4. FIRST AID MEASURES

- Eye** : Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
- Skin** : Wash with water for 15 minutes. If symptoms occur, get medical attention.
- Ingestion** : Wash out mouth with water. Drink one or two glasses of water. If symptoms occur, get medical attention.
- Inhalation**: Not applicable.

## 5. FIRE FIGHTING MEASURES

- Flash Point** : Not applicable
- Method Used** : Not applicable
- Flammable Limits** : Not applicable
- Autoignition Temperature** : Not applicable
- Flammability Classification**: Not applicable
- Unusual Fire and Explosion Hazard**: Fire or excessive heat may cause production of hazardous decomposition products.
- Extinguishing Media**: Product itself is non-combustible. Use appropriate agent for surrounding fire.
- Fire Fighting**: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Extinguish surrounding fire and move container from fire area if you can do it without risk.
- Hazardous Combustion Products**: No hazardous decomposition products known.

## 6. ACCIDENTAL RELEASE MEASURES

### Spill and Leakage Procedures:

Wear personal protective equipment (See Section 8). Flush to sewer if permitted, otherwise absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with eyes, skin and clothing. Wear personal protective equipment (See Section 8). Wash thoroughly after handling.

### Prevention of Fire and Explosion:

No special precautionary measures should be required under normal use conditions.

### Storage:

Keep container tightly closed. Store in a cool and dry place.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:

INGREDIENTS	ACGIH TLV		
	TWA	STEL	OSHA PEL
Antifoaming agent	None established		None established

Engineering Controls: Not required.

Respiratory Protection: Not required under normal conditions.

Skin Protection: Impervious gloves should be worn.

Eye Protection: Splash goggles should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear colorless solution  
Odor : Odorless  
pH : 9.0 - 11.0  
Vapor Pressure : Approx. 17mmHg (20C, 68F)  
Vapor Density : Approx. 0.6  
Evaporation Rate: Approx. 1.0 (H2O=1)  
Boiling Point : Approx. 100C (212F)  
Melting Point : Not applicable.  
Solubility : Completely soluble in water.

## 10. STABILITY AND REACTIVITY

Stability: Stable.

Incompatibility: No hazardous reactions known.

Hazardous Decomposition Products:

No hazardous decomposition products known.

Hazardous Polymerization: Will not occur.

## 11. TOXICOLOGICAL INFORMATION:

Product

Acute oral toxicity : LD50:>2000mg/kg [rat]

Mutagenicity : Ames test Negative

Ingredients

Antifoaming agent

Mutagenicity : Ames test Negative

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## 12. ECOLOGICAL INFORMATION:

No data available.

## 13. DISPOSAL CONSIDERATIONS:

When disposing of the waste or recovered material, consult federal, state and/or local regulations for the proper disposal method.

## 14. TRANSPORT INFORMATION:

DOT/TDG CLASS: Not regulated.

## 15. REGULATORY INFORMATION:

OSHA Hazard Communication Standard, 29CFR 1910.1200:

This product is considered hazardous under this standard.

CERCLA (Comprehensive Environmental Response Compensation and Liability Act):

None.

SARA Title III (Superfund Amendments and Reauthorization Act)

302 Extreme Hazardous Substance: None.

311/312 Hazard Categories: Immediate health hazard.

313 Reportable Ingredients: None.

## 16. OTHER INFORMATION:

HMIS Hazard Rating Health:2, Flammability:0, Reactivity:0

The above information is believed to be accurate and represents the best information currently available to our company. However, our company make no warranty with respect to such information, and our company assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.