

MATERIAL SAFETY DATA SHEET

MSDS: 2009004010EU
Date Prepared: 13, April, 2009
Date Revised :
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Humidity Liquid

Distributed by:

Konica Minolta IJ Technologies, Inc.
Sakura-machi 1, Hino-shi, Tokyo 191-8511
Japan
Tel: +81-42-589-3739
Fax: +81-42-589-3868

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	wt. %	Symbol	R Phrases
Antifoaming agent	Company confidential	< 1	-	-

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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*****  
* Clear colorless solution. Odorless. *  
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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, EU or ACGIH as a carcinogen.

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4. FIRST AID MEASURES

- Eye** : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 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
- 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
Antifoaming agent	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] (data from individual components)

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:

UN CLASS: Not regulated.

15. REGULATORY INFORMATION:

Labeling according EEC-Regulations: No labels required.

16. OTHER INFORMATION:

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.