

**MATERIAL SAFETY DATA SHEET  
(MSDS) January 2014**

## **Micro-Kleen-3<sup>®</sup> Surface Disinfectant Wipes**

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### **1 – Identification**

**Micro-Scientific Industries, Inc.**  
1225 Carnegie Street  
Rolling Meadows, IL 60008 USA  
General Telephone 1-888-253-2536  
24 Hour Emergency Number – 1-800-255-3924  
International Emergency Number: 1-813-248-0585

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**2 – Composition** This product is not hazardous in its completed form. It does however contain:

	OSHA PEL	ACGIH TLV	LIMIT	%
Isopropanol - CAS # 67-63-0	400 ppm	980mg/m <sup>3</sup>	N/A	21.00

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### **3 - Physical and Chemical Properties of liquid impregnated into the wipe**

**Boiling Point:** N/A.    **Specific Gravity** (H<sub>2</sub>O=1.0): 0.95 to 0.97  
**Vapor Pressure** (mm Hg): 0.2-4.7    **Vapor Density** (Air = 1): N/A  
**Evaporation Rate:** N/A    **Solubility in Water:** Complete  
**Appearance and Odor:** Slight alcohol fragrance. Blue colored non-woven cloth

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### **4 - Fire and Explosion Hazard Data**

**Flash Point:** 144 °F. Tag closed cup method  
**Flammable Limits:** None    **Extinguishing Media:** Water    **Special Fire Fighting Procedures:** None  
**Unusual fire or explosion hazards:** None

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### **5 – Reactivity Data of liquid impregnated into each wipe**

**Solution:** Stable    **Conditions to Avoid:** None    **Incompatibility:** Concentrated acids  
**Hazardous Polymerization:** Will not occur  
**Hazardous Decomposition or by-products:** Oxides of carbon upon combustion.

## Micro-Kleen -3 Surface Disinfectant Wipes – MSDS Continued

### 6 - Health Hazards

**Routes of Entry:** **Eyes:** May cause some slight reversible eye irritation with direct contact. **Inhalation:** Prolonged, contained exposure to alcohol vapors may cause light-headedness and /or irritation to nose and throat **Gastric:** May cause some gastric distress if ingested. **Skin:** May produce some slight redness or irritation although unlikely. **Carcinogenicity NT:** No **LARC Monographs:** No  
**OSHA 29CFR 1910 Regulated:** No

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### 7 - Emergency First Aid Procedures

**Skin:** If irritated, rinse with water. If irritation persists, seek medical attention.  
**Eyes:** Flush with water. If irritation persists, seek medical attention. **Ingestion:** Seek medical attention. Drink water or milk. Induce vomiting.  
**Inhalation/aspiration of liquid:** Remove to fresh air. Seek medical assistance.

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### 8 - Precautions for Safe Handling and Use

**Spilled material:** Pick up and place into ordinary trash.  
**Waste Disposal Method:** Ordinary waste system

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### 9 – Control Measures

**Respiratory Protection:** N/A **Local Exhaust:** N/A **Mechanical:** Usual  
**Protective Gloves and/or clothing:** N/A  
**Eye Protection:** Avoid direct contact with eyes.

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### 10 – Transportation and Storage: Not regulated.

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**Ratings:**      **Health -0**                      **FLAMMABILITY-1**                      **Reactivity -0**

This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communications Standard (29 CFR 1910.1200) and is to be used only for this product. The information contained in this sheet is believed to the best of our knowledge to be accurate.