

**MATERIAL SAFETY DATA SHEET
(MSDS) Updated April 2012**

Opti-Cide-3[®] Surface Disinfectant Wipes

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

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 ³	N/A	16.85 by weight

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

Boiling Point: N/A. **Specific Gravity (H₂O=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

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

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.

Opti-Cide-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

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.

8 - Precautions for Safe Handling and Use

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

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.

10 – Transportation and Storage: Not regulated.

11- Regulatory

All ingredients in this product are listed or excluded from the listing on the US Toxic Substances Act (TSCA) Chemical Substance Act.

Ratings: **Health -0** **FLAMMABILITY-0** **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.