

**MATERIAL SAFETY DATA SHEET
(MSDS) March, 2001**

OPTI-KLEEN™ (Impregnated Blade Cleaning Solution)

1 – Identification

Manufactured for: Micro-Scientific Industries, Incorporated

1225 Carnegie Street – 104B

Rolling Meadows IL 60008

(General Number) (847) 454-0835

24 Hour Emergency Number – United States, Canada, Puerto Rico, U.S Virgin Islands

1-800-255-3924

International Calls: (813) 977-3668

2 – Composition

Hazardous Ingredients: None

3 - Physical and Chemical Properties

Boiling Point: 212 degrees F **Specific Gravity:** (H2O=1.0) : 1.0

Vapor Pressure (mm Hg) : Same as water **Vapor Density (Air = 1) :** Same as water

Evaporation Rate : Similar to water **Solubility in Water :** Complete

Freezing point : 32 degrees F. **Appearance and Odor :** Clear

4 - Fire and Explosion Hazard Data

Flash Point : None **Flammable Limits :** None

Extinguishing Media : N/A **Special Fire Fighting Procedures :** N/A

Unusual fire or explosion hazards : None

5 – Reactivity Data

Solution : Stable **Conditions to Avoid :** Temperatures below freezing point

Incompatibility : N/A **Hazardous Polymerization :** Will not occur

6 - Health Hazard Data

Routes of Entry: **Eyes :** May cause some very slight reversible eye irritation with direct contact **Inhalation :** N/A **Gastric:** May cause some slight gastric distress

Skin: May produce some redness or slight irritation although unlikely

Health Hazards (Acute and Chronic) : Unknown

Carcinogenicity : NTP : No **LARC Monographs :** No

OSHA 29 CFR 1910 Regulated : No

Medical Conditions Generally Aggravated by Exposure: Unknown

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7 - Emergency First Aid Procedures

Skin : If irritated, flush with water. If irritation persists, seek medical attention.

Eyes: Flush with water. If irritation persists, seek medical attention. **Ingestion**: Seek medical attention. Do not induce vomiting. **Inhalation**: N/A

8 - Precautions for Safe Handling and Use

Spilled Material : Flush to sanitary sewer system using plain water.

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 : Not regulated

11 – Special Information

Ratings: HMIS : **Health** - 0 (**Hazard Index**: 4- Severe, 3-Serious
 Fire - 0 2 – Moderate, 1 Slight, 0 – Minimum)
 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.