

# MATERIAL SAFETY DATA SHEET

## KLEENASEPTIC

Germicidal and Surface Cleanser

### 1 - IDENTIFICATION

**Manufacturer:** Metrex Research Corporation  
**Address:** 28210 Wick Road  
**City, State, Zip:** Romulus, MI 48174  
**Telephone:** 1-800-841-1428  
**Emergency:** Chemtrec 1- 800-424-9300  
**Date Prepared:** October 21, 2003

### 2 - COMPOSITION INFORMATION

#### Hazardous Ingredients

	<u>CAS #</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Isopropanol	67-63-0	400ppm	N/A	14.84
Ethylene Glycol Monobutyl Ether	111-76-2	50ppm	25ppm	2.84
Propane/n-Butane Propellant	68476-86-8	N/A	N/A	5.0

#### Other Ingredients

Water, surfactant and fragrances

### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/A  
**Specific Gravity (H<sub>2</sub>O = 1):** 0.9226  
**Vapor Pressure (mm Hg):** Same as water  
**Vapor Density (AIR = 1):** N/A  
**Freezing/Melting Point:** Not determined  
**Solubility in Water:** 100%  
**Appearance and Odor:** White foam with mint/alcohol odor  
**pH:** 9.8

### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** Flame Extension Test = 0  
**Flammable Limits:** LEL: N/A UEL: N/A  
**Extinguishing Media:** Carbon dioxide, dry chemical, foam  
**Special Fire Fighting Procedures:** N/A  
**Unusual Fire and Explosion Hazards:** Do not expose to temperatures above 130 °F.

### 5 - REACTIVITY DATA

**Stability:** Stable solution  
**Conditions to Avoid:** Open flame, welding arcs, sparks and temperatures above 130 °F  
**Incompatibility (Material to Avoid):** Strong oxidizers  
**Hazardous Decomposition Byproducts:** Oxides of carbon  
**Hazardous Polymerization:** Will not occur

### 6 - HEALTH HAZARD DATA

**Routes of Entry:**  
**Skin:** Moderate irritation  
**Eyes:** Contact with eyes can cause reversible damage.  
**Inhalation:** Low or mild irritation  
**Carcinogenicity -** NTP: No  
**IARC Monographs:** No **OSHA Regulated Carcinogen:** No

### 7 - EMERGENCY FIRST AID PROCEDURES

**Skin:** Wash skin with soap and water.  
**Eyes:** Flush with water for 15 minutes. If irritation persists, seek medical attention.  
**Inhalation:** Remove to fresh air. If irritation persists, seek medical attention.  
**Ingestion:** Do not induce vomiting. Give large amounts of water. Seek medical attention.

### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** Ventilate area. Wipe up or rinse with tap water.  
**Waste Disposal Method:** Aerosol cans, when vented to atmospheric pressure through normal use, pose no disposal hazard.  
**Precautions to be taken in Handling and Storing:** Do not store at temperatures above 130 °F. Do not puncture or incinerate can.  
**Other Precautions:** Keep out of reach of children. Do not ingest. Avoid skin and eye contact. Avoid contamination of food.

### 9 - CONTROL MEASURES

**Respiratory Protection:** Use in a well-ventilated area.  
**VENTILATION:**  
**Local Exhaust:** Adequate ventilation to maintain recommended exposure limit  
**Mechanical (General):** Should be sufficient.  
**Protective Gloves:** Not required if used as directed.  
**Eye Protection:** Safety glasses  
**Work/Hygiene Practices:** Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

### 10 - TRANSPORTATION INFORMATION

**DOT:**  
In containers not exceeding 1.0 liters, this product is exempt from regulation (See 49CFR 173.306)

#### IATA, IMO:

**Proper Shipping Name:** Aerosols, non-flammable  
**Hazard Class:** 2.2  
**Identification Number:** 1950  
**Packaging Group:** N/A  
**Label:** Non-flammable gas

### 11 - SPECIAL INFORMATION

**HMIS (Hazardous Material Identification System) Rating:**  
H1 F2 R0  
[HMIS Hazard Index: 4 – Severe Hazard; 3 – Serious Hazard;  
2 – Moderate Hazard; 1 – Slight Hazard; 0 – Minimum Hazard]

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