

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 (H₂O = 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.