MATERIAL SAFETY DATA SHEET

I. IDENTITY:

Label Name: **Matt-Kleen Disinfectant Cleaner** Date Prepared: **12/09/09** Deleted: 3/07
Item Number(s): **131236**

Chemical Name and Synonyms: N/A
Chemical Family: Mixture

Package type: Plastic bottle
Product Class: Disinfectant/Surfactant blend

Manufacturer: Cramer Products, Inc.
153 West Warren
Gardner, KS 66030

Emergency Telephone No.
(913) 856-7511

II. HAZARDOUS COMPONENTS:

Components	CAS #	%
Diethylene glycol monobutyl ether	112-34-5	4.5
Tetrasodium ethylene diamine tetraacetic acid	64-02-8	2.5
Alkyl dimethyl ethylbenzyl ammonium chloride (C12-18)	68956-79-6	2.25
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	2.25

III. PHYSICAL CHARACTERISTICS:

Boiling Point: 212 °F
Vapor Pressure: N/D
Vapor Density: (Air=1): Heavier than air
Solubility in Water: Complete
Appearance and Odor: Clear, straw colored liquid

Specific Gravity (Water=1): 1.04
Melting Point: Liquid at room temp.
Evaporation Rate: Slower than ethyl ether
Percent Volatile by Volume: 87 %
pH: 11.7

IV. FIRE AND EXPLOSION HAZARD:

Flash Point: >201°F (PMCC)
Flammable Limits: N/D
Extinguishing Media: CO_2, dry chemicals, synthetic foam or Water. Type BC or ABC extinguishers.
Special Fire Fighting Procedures: Use self-contained breathing apparatus for maximum respiratory protection. Water may be used to cool containers if not ruptured or leaking.
Unusual Fire and Explosion Hazards: Strong bases react with aluminum to form hydrogen which is explosive, if ignited.

V. REACTIVITY DATA:

Stability: Stable
Conditions to Avoid: Strong Oxidizing Agents
Incompatibility to Avoid: Anionic materials, strong oxidizing agents
Hazardous Decomposition Byproducts: Nitrous oxides, ammoniacal vapors
Hazardous Polymerization: Will not occur at room temperatures

12/09/09 Deleted: 3/07

VI. HEALTH HAZARD DATA:

Danger! Corrosive

Effects of exposure: Contact with eyes causes irritation. Prolonged or repeated contact with skin may cause severe irritation or burns. Vapors or mists may irritate respiratory passages. Harmful if swallowed.

Emergency First Aid Procedures:

Inhalation: Get person out of contaminated area to fresh air. If breathing has stopped, resuscitate and administer oxygen, if readily available. SEEK MEDICAL ATTENTION IMMEDIATELY.
Skin: Remove any contaminated clothing and discard. Wash skin thoroughly with large amounts of water. Seek medical attention if irritation or burns develop.
Eyes: Immediately flush eyes immediately with large amounts of running water for at least 15 minutes. SEEK MEDICAL ATTENTION IMMEDIATELY.
Ingestion: SEEK MEDICAL ATTENTION IMMEDIATELY. Do not induce vomiting.

Note to Physician: If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE:

Contain all spills and leaks so prevent discharge to the environment. Ventilate the area.

Spills: Spills should be contained and disposed of in accordance with all federal, state and local regulations.
Handling and Storage: Store at moderate temperature (50-110 ° F) to avoid freezing or overheating. Wash thoroughly after handling. Read label carefully and follow directions.

VIII. CONTROL MEASURES:

Respiratory Protection: None required with normal use.
Ventilation: No special requirements with normal use.
Protective Gloves: Use rubber gloves.
Eye Protection: Wear goggles or full face shield to prevent contact with face or eyes.
Protective Clothing or Equipment: Not required.

Abbreviation Key: **N/A** = not applicable. **N/D** = not determined.

The information contained herein is believed to be accurate. It is the user's obligation to determine the safe use of the product.