

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

Label name: **Matt-Kleen disinfectant Cleaner**

Revision date 12-08-2010

Item Number: **131236**

Manufacturer: Cramer Products, Inc., Gardner, KS 66030

Emergency Telephone Number: **(913) 856-7511** (M-F 8-5 Central U.S.)

## 2. Hazards Identification

**Emergency overview:** DANGER! CORROSIVE

Keep out of reach of children. May be corrosive to eyes. Causes skin burns. May be harmful if swallowed.

**Potential health effects:**

Eyes - May cause irreversible eye damage.

Skin - Causes skin burns.

Inhalation - Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Ingestion - Harmful if swallowed.

## 3. Composition / Information on Ingredients

	<b>CAS #</b>	<b>%</b>
_Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0	2.25
	(Alternate CAS 68956-79-6)	
_Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	2.25

## 4. First Aid Measures

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician or Poison Control Center immediately. Obtain medical attention and take along these instructions.

**Skin contact:** For skin contact flush with large amounts of water. If irritation persists get medical attention. Immediately take off all contaminated clothing. Wash clothing separately before reuse.

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**Ingestion:** Call a physician or Poison Control Center immediately. Give one or two glasses of water if patient is alert and able to swallow. Seek immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Notes to physician:** If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage.

## 5. Fire Fighting Measures

**Suitable extinguishing media:**

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Protective equipment and precautions for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6. Accidental Release Measures**

**Personal precautions:** Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so.

**Methods for containment:** Prevent entry into waterways, sewers, basements or confined areas.

**Methods for clean up:** Wear appropriate protective equipment and clothing during clean-up.

**Small Spills:** Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

**Large Spills:** Dike far ahead of liquid spill for later disposal.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## **7. Handling and Storage**

**Handling:** Avoid contact with skin and eyes. Wash hands thoroughly after handling. Avoid breathing vapors or mists of this product.

**Storage:** DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

**PESTICIDE STORAGE:** Store in a dry place no lower in temperature than 50°F or higher than 120°F.

## **8. Exposure Controls / Personal Protection**

**Engineering controls:** Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

**Personal protective equipment:** General Eye wash fountain and emergency showers are recommended.

**Eye / face protection:** Wear chemical goggles. Face-shield.

**Skin protection:** Wear suitable protective clothing. Use impervious gloves.

**Respiratory protection:** If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate

NIOSH/MSHA respiratory protection must be provided.

## **9. Physical & Chemical Properties**

**Appearance:** Clear.

**Physical state:** Liquid

**pH:** 11.7 (13% solids in aqueous medium)

**Freezing point:** 32 °F (0 °C)

**Boiling point:** 212 °F (100 °C)

**Flash point:** > 201 °F (> 93.9 °C)

**Evaporation rate:** Slower than ethyl ether

**Vapor density:** Heavier than air

**Specific gravity:** 1.041

**Density:** 8.66 lb/gal

**Solubility:** (water) Complete

**RVOC** 0 %

**Viscosity:** < 100 cps (@ 25 C)

**10. Stability & Reactivity**

**Chemical stability:** Stable at normal conditions.

**Incompatible materials:** Strong oxidizing agents Anionic surfactants

**Hazardous decomposition products:** Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

**Possibility of hazardous reactions:** Will not occur.

**11. Toxicological Information**

Not available.

**12. Ecological Information**

**Ecotoxicity:** Toxic to aquatic life.

**13. Disposal Considerations**

**Disposal instructions:** All wastes must be handled in accordance with local, state and federal regulations. Dispose of contents/container in accordance with local/regional/national/international regulations.

Regulations vary.

**14. Transport Information**

UN1760,CORROSIVE LIQUID, N.O.S.,(QUATERNARY AMMONIUM CHLORIDES),8,III. **Currently Matt-Kleen may be shipped as "Consumer Commodity" under the classification ORM-D.**

**15. Regulatory Information**

US federal regulations This product is a U.S. EPA registered pesticide.

Reportable Quantity There is no calculable reportable quantity (RQ) for this product.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely

hazardous substance

No

Section 311 hazardous

chemical

No

Inventory status

Country(s) or region Inventory name On inventory (yes/no)\*

Australia Australian Inventory of Chemical Substances (AICS) No

Canada Domestic Substances List (DSL) No

Canada Non-Domestic Substances List (NDSL) No

China Inventory of Existing Chemical Substances in China (IECSC) No

Europe European Inventory of Existing Commercial Chemical Substances (EINECS)

Europe European List of Notified Chemical Substances (ELINCS) No

Japan Inventory of Existing and New Chemical Substances (ENCS) No

Korea Existing Chemicals List (ECL) No

New Zealand New Zealand Inventory No

Philippines Philippine Inventory of Chemicals and Chemical Substances No (PICCS)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information**

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings Health: 3

Flammability: 1

Physical hazard: 0

Personal protection: X

NFPA ratings Health: 3

Flammability: 1

Instability: 0

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This document has undergone significant changes and should be reviewed in its entirety.