



# MATERIAL SAFETY DATA SHEET

MSDS#: RV0910988D  
 Supersedes:

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| SECTION I - CHEMICAL PRODUCT   |               |         |                   |           |  |
|--|---------------|---------|-------------------|-----------|--|
| Identity: <b>Floor Cleaner</b>   |               |         |                   |           |  |
| Brands: <b>MR. CLEAN PROFESSIONAL DISINFECTING FLOOR CLEANER</b>                                 |               |         |                   |           |  |
| Hazard Rating: 3   |               | Health: | 3                 | 4=EXTREME |  |
|  | Flammability: | 0       | 3=HIGH            |           |  |
|  | Reactivity:   | 0       | 2= MODERATE       |           |  |
|  |               |         | 1=SLIGHT          |           |  |
|  |               |         | 0=NOT SIGNIFICANT |           |  |
| Emergency Telephone Number: 1-888-4MRCLEAN (1-888-467-2532) or call Local Poison Control Center. |               |         |                   |           |  |

| SECTION II - COMPOSITION AND INGREDIENTS   |                    |                |                           |                          |                     |
|--|--------------------|----------------|---------------------------|--------------------------|---------------------|
| Ingredients listed on the product label: Didecyl dimethyl ammonium chloride, other ingredients |                    |                |                           |                          |                     |
| Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.                                    |                    |                |                           |                          |                     |
| <u>Chemical Name</u>   | <u>Common Name</u> | <u>CAS No.</u> | <u>Recommended Limits</u> | <u>Composition Range</u> | <u>LD50/LC50</u>    |
| Didecyl dimethyl ammonium chloride   |                    | 7173-51-5      | N/A                       | 5-10%                    | 450 mg/kg Rat, oral |

| SECTION III - HAZARDS IDENTIFICATION                 |                                |
|--|--------------------------------|
| <b>Potential Health Hazards (Acute and Chronic):</b> |                                |
| Ingestion:   | Harmful or fatal if swallowed. |
| Eye Contact:   | Causes eye damage              |
| Skin Contact:  | Causes skin damage             |
| Inhalation:  | N/A                            |

**SECTION IV - FIRST AID INFORMATION****First Aid Procedures:**

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin Contact:** Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Note to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**Other:** Product package has a caution statement: DANGER: KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing, and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination with food. Wash thoroughly with soap after handling.

**SECTION V - FIRE FIGHTING INFORMATION**

**Flash Point (Method Used):** >200° F

**Explosive Limits:** LEL: N/A UEL: N/A

**Extinguishing Media:** Water, CO<sub>2</sub>, foam or media suitable for surrounding fire.

**Protection for Firefighters:**

Specific Hazards Arising from the Material: None known.

Protective Equipment and Precautions for Firefighters: Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** None required.

**Environmental Precautions:** DISPOSAL IS TO BE IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Do not landfill. Keep product out of storm sewers or waterways. Hold for disposal.

**Steps To Be Taken in Case Material is Released or Spilled:** Wear appropriate protective equipment. If possible, contain spill and collect in an approved container. Rinse affected area thoroughly with water.

**SECTION VII - HANDLING AND STORAGE**

**Precautions To Be Taken in Handling and Storing:** Avoid contact with skin, eyes or clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling. Do not contaminate water, food or feed by storage. Store in original container in areas inaccessible to children and persons unfamiliar with the product. Keep from freezing.

**Other Precautions:** For industrial and institutional use only. Use only according to label directions. If unsure about safe use, contact your supervisor immediately.

**SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Engineering Controls (Ventilation):** General

**Personal Protective Equipment (PPE):**

**Eye/Face Protection:** Chemical resistant goggles and face shield.

*Industrial setting:* Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply. Wash thoroughly after handling.

**Skin Protection:** Wear rubber gloves and other skin-protective clothing as appropriate for areas of potential contact.

**Respiratory Protection:** In processes where mists or vapors may be generated by the concentrated product, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

**Other Protective Equipment:** Eye wash recommended.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point °F / °C:** Approx. 212°F / 100°C

**Specific Gravity (H<sub>2</sub>O=1):** 1.00±0.01

**Vapor Pressure (mm Hg):** Not established

**Percent Volatile by Weight (%):** >90%

**pH (conc.):** 7.5

**Evaporation Rate (H<sub>2</sub>O=1):** 1

**Appearance and Odor:** Blue liquid/Floral fragrance

**Solubility in Water:** Complete

**SECTION X - STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** None known

**Materials to Avoid:** Do not mix with other chemicals.

**Hazardous Decomposition Products:** Thermal decomposition on burning may produce toxic vapors or gases.

**Possible Hazardous Reactions/Conditions/By Products:** None known

**Hazardous Polymerization:** Will not occur.

**Other Recommendations:** None

**SECTION XI - TOXICOLOGICAL INFORMATION**

LD50 (rat oral): 450 mg/kg for active ingredient (Didecyl dimethyl ammonium chloride).

**Chemical Listed as Carcinogen or Potential Carcinogen:**

|                              |     |      |
|------------------------------|-----|------|
| National Toxicology Program: | Yes | No X |
| I.A.R.C. Monographs:         | Yes | No X |
| OSHA:                        | Yes | No X |

