



Chemical  
Delivery  
Systems

A TOTALLY NEW CONCEPT IN CLEANING

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23



**M.D. 256**

**DISINFECTANT-DEODORIZER**  
*Desinfectante-Desodorizante*

### **Product Benefits...**

Cross-contamination is of major concern not only in hospitals, but in schools, institutions and industry. This quaternary ammonium cleaner-disinfectant is formulated for this problem area. It both cleans and disinfects effectively and is virucidal when used as directed. Its hard surface disinfecting action will reduce the hazard of cross-contamination from environmental surfaces.

When used as directed, this quaternary ammonium cleaner-disinfectant will deodorize toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas and will inhibit the growth of mold and mildew and their odors when used as directed. This product is economical to use because it is highly concentrated and should be handled with care.

### **Product Is Ideal For...**

- Hospitals
- Nursing Homes
- Industrial
- Schools
- Hotels/Motels
- Institutional

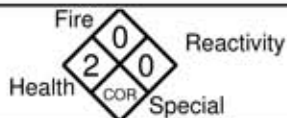
### **Yield:**

Automatically Diluted 1:256 (1/2 oz/gal). A one liter cartridge yields 257 liters (approximately 67 gallons) of properly diluted disinfecting cleaner.

**UnoClean**  
**1-888-226-2724**

## HAZARD RATING

4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT



## MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Date Prepared: 12-12-06

## SECTION 1 - PRODUCT IDENTIFICATION

Company Name	Daley International	Emergency Telephone No.	1-800-535-5053
Address	4100 W. 76th Street, Chicago, IL 60652	Information Telephone No.	773-284-6565
Product Name / ID#	APM #23 M.D. 256 (1627)	Product Type	Disinfectant / Cleaner <input checked="" type="checkbox"/> Proprietary Product

## SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Alkyl (C <sub>14</sub> 50%, C <sub>12</sub> 40%, C <sub>10</sub> 10%)			
dimethyl benzyl ammonium chloride	68424-85-1	5.00	NA
Dialkyl (C <sub>8</sub> /C <sub>10</sub> 50%, C <sub>10</sub> /C <sub>12</sub> 25%, C <sub>8</sub> /C <sub>8</sub> 25%)			
dimethyl ammonium chloride	68424-95-3	7.50	NA
Ethanol	64-17-5	1.5-2.50	1000 ppm

\* Substances  Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

## SECTION 3 - PHYSICAL DATA

Boiling Point (°F)	212°F	Specific Gravity (H <sub>2</sub> O=1.0)	1.027 ± 0.005	pH	10.0 ± 0.5	% VOC (ww)	2.3%
Solubility In Water	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable or (Dispersible) <input type="checkbox"/> Slight (or Partial)						
Evaporation Rate (vs H <sub>2</sub> O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Vapor Pressure	NE			
Appearance and Odor	Clear, green liquid. Mint odor.						

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	<input checked="" type="checkbox"/> None to boiling					
Flammable Limits	Upper	NA	Lower	NA		
Extinguishing Media	NA					

Special Fire Fighting Procedures NA

Unusual Fire Explosion Hazards NA

## SECTION 5 - REACTIVE DATA

Stability Stable Incompatibility Anionics, strong oxidizers or reducing agents.

Hazardous Decomposition Products None

## SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV  None Established  Not Applicable Primary routes of Exposure  Eyes  Skin  Oral  Inhalation

Signs Symptoms of Over-exposure (Acute) Irritating to eyes and/or skin. Mists or vapors may be irritating to the mucous membranes.

Burning sensation to digestive system. Harmful if swallowed.

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

Signs Symptoms of Over-exposure (Chronic) Unknown

Medical Conditions Aggravated by Over-exposure Unknown

Carcinogen/Suspected Carcinogen Ingredients:  NTP  IARC  OSHA  None

## SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes Hold eye open &amp; rinse with water for 15-20 min. Remove contact lenses, if present, after the first five min, then rinsing eyes. Call poison control center or doctor for advise.

Skin Take contaminated clothing. Rinse skin immediately with plenty of water for 15-20 min. Call poison control center or doctor for treatment advise.

Ingestion Call poison control center or doctor immediately for treatment advise. Have person sip a glass of water if able to swallow. Do not induce

Inhalation Remove to fresh air. Give oxygen or artificial respiration as necessary.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection None normally required .Use NIOSH approve respirator for organic vapors if excessive misting occurs.

Ventilation requirements  Local Exhaust  Mechanical To keep below any listed TLV or for general good ventilation.

Protective Gloves Rubber Eye Protection Safety glasses or goggles.

Other Protective Clothing None

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain spill. Absorb on clay or rags. Do not contaminate water, food or feed.

omitting unless told by poison control person or doctor. Do not give anything by mouth to an unconscious person.

Waste Disposal Methods Open dumping is prohibited. Check all government regulations relating to pesticides.

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage Avoid breathing spray mist. Wash thoroughly after handling. Do not reuse empty container. Keep out of reach of children.