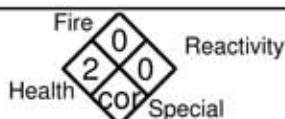


## HAZARD RATING

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



## MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Date Prepared: 5-31-07

## SECTION 1 - PRODUCT IDENTIFICATION

Company Name	Daley International	Emergency Telephone No.	800-535-5053
Address	4100 W. 76th Street, Chicago, IL 60652	Information Telephone No.	773-284-6565
Product Name / ID#	APM #7 Altima 256 M (1639)	Product Type	Disinfectant Detergent / Deodorant <input checked="" type="checkbox"/> Proprietary Product

## SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
n-Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>10</sub> , 10%) Dimethyl Benzyl			
Ammonium Chloride	68424-85-1	8.680%	NE
Dialkyl Dimethyl Ammonium Chloride	68424-95-3	13.02%	NE

\* 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 (approx)	Specific Gravity (H <sub>2</sub> O=1.0)	0.996 ± ± 0.005	pH	5 - 9	% VOC (ww)	3.26
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	Vapor Density	NE	

Appearance and Odor Clear yellow liquid, fresh scent odor.

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)  None to boiling Flammable Limits Upper NA Lower NA

Extinguishing Media NA

Special Fire Fighting Procedures NA

Unusual Fire Explosion Hazards Thermal decomposition may produce toxic fumes of hydrogen chloride; oxides of carbon and nitrogen; and ammonia gas.

## SECTION 5 - REACTIVE DATA

Stability Stable Incompatibility Anionics, Acids, Bleach, Strong Oxidizers or Reducing Agents.

Hazardous Decomposition Products Toxic

## 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) Corrosive. Causes irreversible eye damage. Can cause severe irritation or burns to skin.

Inhalation of product mist may cause irritation to mucous membranes. May be fatal if absorbed through skin. 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 and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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

**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 a

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

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection None normally required.

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

Protective Gloves Rubber Eye Protection Safety glasses or goggles

Other Protective Clothing Chemical apron if splashing is anticipated or when handling large volume of material.

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain spill. Absorb on clay or rags. Transfer to separate containers for disposal. Do not contaminate water, food or feed. Call a poison control center 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 Do not reuse empty container. Triple rinse (or equivalent). Wash thoroughly after handling. Keep out of reach of children.