

MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910. 1200)

Date Prepared: 7-3-07

HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT	Fire	0	Reactivity
	Health	2	Special
	COR		
		0	

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 #28 Hospi-tol 64 (1652)	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 (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆)	68424-85-1	3.03%	NA
dimethyl benzyl ammonium chloride			
Ethanol	64-17-5	< 1.0%	1000 ppm (ACGIH)

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

SECTION 3 - PHYSICAL DATA

Boiling Point (°F)	Approx. 212°F	Specific Gravity (H ₂ O=1.0)	1.037 ± 0.005	pH	12.5 ± 0.5	% VOC (ww)	0.77%
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 ₂ 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, with lemon 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	None						
Unusual Fire Explosion Hazards	None						

SECTION 5 - REACTIVE DATA

Stability	Stable	Incompatibility	Anionics, strong oxidizers or reducing agents.
Hazardous Decomposition Products	Oxides of carbon and nitrogen.		

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV	<input checked="" type="checkbox"/> None Established	<input type="checkbox"/> Not Applicable	Primary routes of Exposure	<input checked="" type="checkbox"/> Eyes	<input checked="" type="checkbox"/> Skin	<input checked="" type="checkbox"/> Oral	<input checked="" type="checkbox"/> Inhalation
Signs Symptoms of Over-exposure (Acute)	Can cause severe irritation to eyes and/or skin. Mists or vapors may be irritating to the mucous membranes. Burning sensation to the digestive system. Harmful or fatal if swallowed.						
Signs Symptoms of Over-exposure (Chronic)	Unknown						
Medical Conditions Aggravated by Over-exposure	Unknown						
Carcinogen/Suspected Carcinogen Ingredients:	Ethanol	<input type="checkbox"/> NTP	<input checked="" type="checkbox"/> IARC	<input type="checkbox"/> OSHA	<input type="checkbox"/> None		

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

Eyes.	Hold eye open & rinse with water for 15-20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call poison control center or doctor for advise.
Skin.	Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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 vomiting unless told by poison control center or doctor. Do not give anything by mouth to an unconscious person.
Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

Inhalation. Move to fresh air. If not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth to mouth. Call poison control center or doctor for treatment advise.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	None usually required in normal usage. Use respirators for organic vapors if excess misting occurs.		
Ventilation requirements	<input checked="" type="checkbox"/> Local Exhaust	<input checked="" type="checkbox"/> Mechanical	As needed to keep below any listed TLV or for general good ventilation.
Protective Gloves	Rubber	Eye Protection	Safety glasses or goggles
Other Protective Clothing	Chemical apron if splashing 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. Do not contaminate water, food or feed.
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 the reach of children.
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