



Chemical  
Delivery  
Systems

A TOTALLY NEW CONCEPT IN CLEANING

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27



**BATH &  
BOWL**

**CLEANER / DEODORIZER**  
*Limpiador Con Desodorante*

For daily cleaning of tile, porcelain, bathtubs, wash basins, shower stalls, drinking fountains: Spray on let it penetrate, wipe, then rinse off.

*IMPORTANT: Do not use on marble or terrazzo.*

### Product Is Ideal For...

- Shower Stalls
- Toilet Bowls
- Drinking Fountains
- Bathtubs
- Urinals
- Stainless Steel

### Yield:

Automatically Diluted 1:32 (4 oz/gal). A one liter cartridge yields 33 liters (approximately 8.5 gallons) of properly diluted Bath & Bowl Cleaner/Deodorizer.

### Product Benefits...

- Removes Calcium
- Removes Rust and Discolorations
- Deodorizes

**UnoClean**  
**1-888-224-2724**

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

# MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Date Prepared: 12-14-06

## 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 #27 Bath & Bowl (1647)	Product Type	Restroom Cleaner <input checked="" type="checkbox"/> Proprietary Product

## SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Oxalic acid	144-62-7	< 5%	NA
Phosphoric acid	7664-38-2	< 10%	1mg/m3(ACGIH)
n-Alkyl dimethyl benzyl ammonium chloride	68424-85-1	< 2%	NA
Dialky dimethyl ammonium chloride	68424-95-3	< 2%	NA

\* 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)	1.066 ± 0.005	pH	< 1.0 ± 0.5	% VOC (ww)	1.3%
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		Vapor Density	NE

Appearance and Odor Clear blue, fresh scent.

## 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	Water, foam or dry chemicals.										
Special Fire Fighting Procedures	Wear self contained breathing apparatus and full protective clothing.										
Unusual Fire Explosion Hazards	Non-flammable but reacts with common metals forming hydrogen gas, which may cause fire or explosion.										

## SECTION 5 - REACTIVE DATA

Stability	Stable	Incompatibility	Metals and oxidizing agent.								
Hazardous Decomposition Products	Hydrogen gas; oxides of carbon and nitrogen; ammonia.										

## 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)	May cause irritation or burns to eyes or skin. Severe internal irritation and damage can occur if ingested. Mist inhalation may irritate respiratory tract.										
Signs Symptoms of Over-exposure (Chronic)	Unknown										
Medical Conditions Aggravated by Over-exposure	Unknown										
Carcinogen/Suspected Carcinogen Ingredients:	<input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> None										

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

Eyes	Flush with water for at least 15 minutes.
Skin	Wash with soap and water for at least 15 minutes. Remove any contaminated clothing. Wash before reuse.
Ingestion	Drink large amounts of water. Do NOT induce vomiting. Get medical attention.
Inhalation	Remove to fresh air. Give oxygen or artificial respiration as necessary.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	None normally required.		
Ventilation requirements	<input checked="" type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical	As needed to maintain general good ventilation.
Protective Gloves	Rubber gloves.	Eye Protection	Chemical splash goggles.
Other Protective Clothing	Wear clothing designed to reduce skin contact.		

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Contain spill. Neutralize with weak base solution. Flush area with plenty of water.
Waste Disposal Methods	Check all government regulations. Probable to flush dilute-neutralized material to sanitary sewer system.

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage	Store so as to inaccessible to children. Wash thoroughly after handling.
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