

#455

# MATERIAL SAFETY DATA SHEET


## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: <b>ODOR TERMINATOR</b>		WHMIS Classification: <b>SLIGHT</b>	
Product Use: <b>Odor Eliminator</b>			
Manufacturer's Name: <b>MICRO CHEMICAL MANUFACTURING &amp; SUPPLIES LTD.</b>		Suppliers Name <b>SMITH &amp; JONES JANITORIAL SUPPLIES AND EQUIPMENT</b>	
Street Address: <b>1462 E. MISSION BOULEVARD</b>		Street Address <b>1 BILOXI SQUARE</b>	
City: <b>POMONA</b>	Province / State <b>CA</b>	City <b>WEST COLUMBIA</b>	State <b>SC</b>
Zip Code: <b>91766</b>	Emergency Telephone: <b>1-800-535-5053</b>	Postal Code <b>29170</b>	Emergency Telephone <b>1-803-822-8500</b>
Date MSDS Prepared: <b>FEBRUARY 2010</b>	MSDS Prepared by: <b>MICRO CHEMICAL &amp; MANUFACTURING &amp; SUPPLIES LTD.</b>		Phone Number: <b>909-620-0949</b>

## SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD <sub>50</sub> of Ingredient (specify species and route)	LC <sub>50</sub> of Ingredient (specify species)
N-Alkyl (12-C18) dimethylBenzl Ammonium Chloride	1	68391-01-5	N/AV	7000 mg/kg oral rat
N-Alkyl (12-14) dimethyl Ethyl Benzyl Ammonum	1	68956-79-6	250 mg/kg (oral rat)	7000 mg/kg oral rat
Denatured Alcohol	10	64-17-5	3450 mg/kg oral mouse	2000 PPM/10H
Water	88	7732-18	N/AV	N/AV

## SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> inhalation <input checked="" type="checkbox"/> Ingestion
[Emergency Overview]
[WHMIS Symbols] 
[Potential Health Effects] Eye and skin irritation.

## SECTION 4 - FIRST AID MEASURES

Skin Contact Flush with copious amounts of potable water. If irritation persists seek medical attention
Eye Contact Flush with copious amounts of potable water. If irritation persists seek medical attention
Inhalation
Ingestion Drink 1 glasse of water. NO NOT INDUCE vomiting. Seek Medical Attention immediately.

### SECTION 5 - FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		If yes, under which conditions?	
Means of Extinction <b>As for surrounding Fire. Normal Fire - Fighting Procedures</b>			
Flashpoint (°C) and Method N/AP	Upper Flammable Limit (% by volume) N/AP	Lower Flammable Limit (% by volume) N/AP	
Autoignition Temperature (°C) N/AP	Explosion Data - Sensitivity to Impact N/AP	Explosion Data - Sensitivity to Static Discharge N/AP	
Hazardous Combustion Products None			
[NFPA] NONE			

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures  
 Collect spill with non reactive absorbent material and place in container.

### SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment  
 Normal Procedures. Keep from freezing

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Storage Requirements  
 Store in cool dry area.

### SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits  
 N/AV     ACGIH TLV     OSHA PEL     Other (*specify*)

Specific Engineering Controls (such as ventilation enclosed process)  
 Normal ventilation

Personal Protective Equipment  
 Gloves     Respirator     Eye     Footwear    Clothing    Other

If checked, please specify type  
 Rubber or neoprene  
 Chemical splash goggles.  
 Impervious

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Physical State <b>Liquid</b>	Odour and Appearance <b>Cherry scent. Light amber color liquid solution</b>	Odour Threshold (ppm) <b>N/AP</b>
Specific Gravity <b>1.02</b>	Vapour Density (air = 1) <b>&lt;1</b>	Vapour Pressure (mmHg) <b>33 mmHg</b>
Evaporation Rate <b>&gt;1</b>	Boiling Point (°C) <b>&gt;85°C</b>	Freezing Point (°C) <b>&lt;0°C</b>
pH <b>7.5-8.0</b>	Coefficient of Water / Oil Distribution <b>100% water soluble</b>	[Solubility in Water] <b>100%</b>

**SECTION 10 - STABILITY AND REACTIVITY**

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? <b>Anionic Surfactant</b>
Reactivity, and under what conditions? <b>None</b>	
Hazardous Decomposition Products <b>None</b>	

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure <b>and / or skin contact, inhalation, ingestion; may cause irritation.</b>	<b>Eye</b>
<b>Ingestion may cause irritation to mouth &amp; throat &amp; alimentary tract</b>	
Effects of Chronic Exposure <b>Eye and skin irritation.</b>	
Irritancy of Product <b>contact with eyes / skin</b>	
Skin Sensitization <b>N/AV</b>	Respiratory Sensitization
Carcinogenicity -IARC <b>No</b>	Carcinogenicity - ACGIH <b>No</b>

Reproductive Toxicity N/AV	Teratogenicity N/AV
Embryotoxicity	Mutagenicity N/AV
Name of Synergistic Products / Effects N/AV	

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## SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity	Mobility: N/A	Persistence: N/A	Bioaccumulative: N/A
Aquatic Toxicity: Acute fish toxicity. LD <sub>50</sub> =138 mg/L/96 hours. Mosquito fish			
Acute Crustaceans Toxicity= N/A		Acute Algae Toxicity= N/A	
BOD and COD = N/A. Other information: Material is practically non toxic to fish on an acute basis.			


## SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal
According to local, provincial and federal government requirements

## SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information	
	PIN
TDG: N/AP	[DOT]
[IMO]	[ICAO]

## SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification] Class D Div 2 Materials Causing Other Toxic Effects		[OSHA]
[SERA]		[TSCA]
This product has been classified in accordance with the hazard criteria of the Products Regulations (CPR) and the MSDS contains all of the information required by CPR		Controlled

## SECTION 16 - OTHER INFORMATION

Notice to Reader:
To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
