

MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

SECTION I - MATERIAL IDENTIFICATION AND USE			
Material Name	Citrus Disinfectant (252) Not WHMIS Regulated / Quality	Supplier's Name	Quality Cleaning Supplies and Services 2000 Inc.
Manufacturer	Crown Chemical Products Inc.	Supplier's Address	6435 Dixie Road, Unit # 3 Mississauga, Ont. L5T 1X4
Street Address	6125 Netherhart Road Mississauga Ontario L5T 1G5		
Emergency Tel.	(905) 564-0904		
Chemical Name		Chemical Family	
Molecular Weight		Material Use	Hard surface cleaner

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL				
Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U. N. Numbers	Exposure Limits	LD ₅₀ /LC ₅₀ Specify Species and Route
n-Alkyl Dimethyl Benzyl Ammonium Chlorides	3-7	CAS 8001-54-5	(TWAEV) = 1ppm or 1.8mg / m ³	LD50 (ORAL, RAT) 330mg/kg LD50 (Dermal, Rabbit) 1182mg/kg
Sodium Carbonate	1-5	497-19-8	None	LD50 (ORAL, RAT) = 3000mg/kg
Alkyl Phenol Ethoxylate	3-7	9016-45-9	n/av	LD50 (Dermal, Rat) = 2830mg/kg

SECTION III - PHYSICAL DATA FOR MATERIAL			
Physical State Liquid	Odour and Appearance Lemon odour, yellow		
Specific Gravity 1.0-1.1	Evaporation Rate n/av	Boiling Point (°C) 100	
Freezing Point (°C)	Solubility in Water (20°C) Completely	% Volatile (by volume) 82	
pH 10-10.5	Density (g/ml) 1	Coefficient of Water/Oil Distribution n/av	

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL			
Flammability (If yes, under which conditions:) No			
Means of Extinction n/ap			
Special Procedures No special procedures necessary.			
Flashpoint (°C) and Method None	UEL (% By Vol.) n/ap	LEL (% By Vol.) n/ap	
Auto Ignition Temp. (°C) n/ap	TDG Flammability Classification n/ap		
Hazardous Combustion Products n/ap			
Explosion Data - Sensitivity to Chemical Impact n/av		Rate of Burning n/ap	
Explosive Power		Sensitivity to Static Discharge N/AV	

SECTION V - REACTIVITY DATA	
Chemical Stability Yes.	
Incompatibility to Other Substances Yes. Strong oxidizing & reducing agents.	
Reactivity and Under What Conditions? Open flames and heat.	
Hazardous Decomposition Products CO, CO ₂	

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SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route Of Entry Skin Contact Skin Absorption Eye Contact Inhalation Acute Inhalation Chronic Ingestion

Effects Of Acute Irritating to eyes and skin, ingestion will cause nausea and vomiting & irritation of mouth & throat.

Exposure To Product

Effects Of Chronic Skin irritation or dermatitis may occur upon frequent or prolonged contact.

Exposure To Product

Irritancy Of Product Moderate

Exposure Limits Of Product n/av

Sensitization To Product n/av

Synergistic Materials n/av

Carcinogenicity Reproductive Effects Teratogenicity Mutagenicity

Not available

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

Gloves Rubber

Respiratory Not required

Eye Goggles

Footwear Rubber

Clothing Rubber apron

Other

Engineering Controls General

Leak And Spill Procedure

Waste Disposal Flush with water. Dispose in accordance with local, provincial, and federal by-laws.

Handling Procedures And Equipment Avoid prolonged contact.

Storage Requirements Cool dry place. Keep container closed.

Special Shipping Information None

SECTION VIII - FIRST AID MEASURES

Skin Flush with soap and water.

Eye Flush with plenty of water for at least 15 minutes.

Inhalation n/av

Ingestion Do not induce vomiting. Get medical attention.

General Advise

SECTION IX - PREPARATION DATE OF M.S.D.S.

Additional Information/Comments The information herein is given in good faith but no warranty, expressed or implied, is made.

Sources Used

Prepared By: Crown Chemical Products Inc. **Phone Number** (905) 564-0904 **Date** May 20, 2009