



Material Safety Data Sheet U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



Identity (As Used on Label and List)	Max-Quat 10% Sanitizer
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Section I

Manufacturer's Name Royal Custom Products, Inc.	Emergency Telephone Number (800) 255-3924 Chemtell
Address (Number, Street, City, State, and ZIP Code) 4844 Almond Street	Telephone Number for Information (800) 275-0172
Dallas, TX 75247	Date Prepared 10/24/2001

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS NO.	OSHA PEL	ACGIH TLV	%(Optional)
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	68956-79-5	NE	NE	5.0%
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	68956-79-6	NE	NE	5.0%
Hazard Data Rating	Health	Fire	Reactivity	D.O.T. Transportation Information
0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe	2	0	0	Compound Cleaning Liquid, Non-Hazardous

Section III - Physical/Chemical Characteristics

Boiling Point	>212°F (100°C)	Specific Gravity (H ₂ O = 1)	0.99
Vapor Pressure (mm Hg.)	< 0.01 @ 20°C	Melting Point	Not Applicable
Vapor Density (AIR = 1)	> 1	Evaporation Rate (Butyl Acetate = 1)	> 1
Solubility in Water	100%	pH	7.80
Moisture	90.0%	Volatile Organic Compounds (V.O.C.)	< 0.1%
Appearance	Clear	Odor	Slight Detergent

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Not Determined (Supplier Data)	Flammable Limits Not Determined	LEL Not Applicable	UEL Not Applicable
Extinguishing Media Use normal firefighting procedures for corrugated boxes and plastic containers.			
Special Fire Fighting Procedures Wear self-contained breathing apparatus when this product is exposed to fire, for it may produce nitrous oxides and ammonia vapors.			
Unusual Fire and Explosion Hazards None known			

Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid
	Stable	<input checked="" type="checkbox"/>	None
Incompatibility (<i>Materials to Avoid</i>)	Strong oxidizing agents (bleach, ammonia, etc.)		
Hazardous Decomposition or Byproducts	Exposing to fire may produce nitrous oxides and ammonia vapors.		
Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid
	Will Not Occur	<input checked="" type="checkbox"/>	None

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? No	Skin? Yes	Ingestion? Yes
Acute:	HAZARDS TO HUMANS AND DOMESTIC ANIMALS – DANGER - KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.		
Chronic:	Not applicable		
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure	Irritation, redness and/or itching of the eyes or skin.		
Medical Conditions Generally Aggravated by Exposure	Dermatitis of the skin.		
Emergency and First Aid Procedures			
Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.		
Skin:	Immediately flush skin with plenty of water for at least 15 minutes. If irritation occurs or persists, seek medical aid.		
Ingestion:	Promptly drink large quantities of water. Do not induce vomiting. Avoid alcohol. Call a physician immediately. NOTE TO PHYSICIAN - Probable mucosal damage may contraindicate the use of gastric lavage.		
Inhalation:	Not applicable.		

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Pick up, mop and rinse area with water.
Waste Disposal Method PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water. Return metal drum or offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke. For containers 1 gallon or less: Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.
Precautions to Be taken in Handling and Storing DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.
Other Precautions None

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)	None required		
Ventilation	Local Exhaust	General	Special None required
	Mechanical (<i>General</i>)	None required	Other None required
Protective Gloves	Rubber or Impervious Material	Eye Protection	Safety Glasses, Goggles or Face Shield
Other Protective Clothing or Equipment	None		
Work/Hygienic Practices	Wash hands with water after using this product.		
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