

MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name Q-Sol

Manufacturer Crown Chemical Products Inc.

Street Address 6125 Netherhart Road
Mississauga Ontario
L5T 1G5

Emergency Tel. (905) 564-0904

Chemical Name

Molecular Weight

Supplier's Name

Supplier's Address

Chemical Family

Material Use

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
Alkyl benzyl Dimethyl Ammonium Chloride	7-3	68424-85-1	(TWAEV)=1ppm or 1.8mg/m ³	LD50 (Oral, Rat) 330mg/kg LD50 (Dermal Rabbit) 1182mg/kg

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Liquid **Odour and Appearance** Clear liquid, characteristics odour.

Specific Gravity 1.0 **Evaporation Rate** N/AV **Boiling Point (°C)** 100

Freezing Point (°C) 0 **Solubility in Water (20°C)** completely **% Volatile (by volume)** <90

pH approx. 8 **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 N/AP

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 Oxides of carbon and nitrogen.

Explosion Data - Sensitivity to Chemical Impact N/AP **Rate of Burning** N/AP

Explosive Power N/AP **Sensitivity to Static Discharge** N/AV

SECTION V - REACTIVITY DATA

Chemical Stability Yes.

Incompatibility to Other Substances Yes. Avoid Contact with strong acids.

Reactivity and Under What Conditions? Open flames and heat reactive substances.

Hazardous Decomposition Products Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon monoxides and carbon dioxide

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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 skin and eyes; will cause nausea and vomiting if ingested.

Exposure To Product

Effects Of Chronic Dermatitis may occur under frequent and prolonged contact.

Exposure To Product

Irritancy Of Product N/AV

Exposure Limits Of Product N/AV

Sensitization To Product N/AV

Synergistic Materials N/AV

Carcinogenicity Reproductive Effects Teratogenicity Mutagenicity

No Known Systemic Effects

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

Gloves Rubber

Respiratory Not required

Eye Goggles/glass

Footwear Rubber

Clothing Rubber apron.

Other

Engineering Controls General

Leak And Spill Procedure Flush with water.

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

Handling Procedures And Equipment

Storage Requirements Store in a cool, dry place. Keep container closed.

Special Shipping Information N/AV

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 help.

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.

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