

MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name Steamer Liquid
Manufacturer Crown Chemical Products Inc. **Supplier's Name**
Street Address 6125 Netherhart Rd . **Supplier's Address**
 Mississauga Ontario
 L5T 1G5
Emergency Tel. (905) 564-0904
Chemical Name n/ap **Chemical Family** Alkaline Chemicals
Molecular Weight n/ap **Material Use** Rug 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
Surfactant	3-7	C.A.S. 68411-30-3	N/AV	N/AV
Dipropylene Glycole Methyl Ether	3-7	34590-94-8	100PPM/8hr	N/AV

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Liquid **Odour and Appearance** Blue odourless
Specific Gravity 1.07 **Evaporation Rate** water **Boiling Point (°C)** 100
Freezing Point (°C) 0 **Solubility in Water (20°C)** infinite **% Volatile (by volume)** n/ap
pH 9.0-9.5 **Density (g/ml)** 1.07 **Coefficient of Water/Oil Distribution** n/ap

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 n/ap **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/ap **Rate of Burning** n/ap
Explosive Power n/ap **Sensitivity to Static Discharge** n/ap

SECTION V - REACTIVITY DATA

Chemical Stability Yes.
Incompatibility to Other Substances Yes. Acid, oxidizing materials.
Reactivity and Under What Conditions? May produce peroxide upon extended contact with air.
Hazardous Decomposition Products None known.

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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 If in contact with skin or eyes it will cause irritation possible dermatitis.

Exposure To Product

Effects Of Chronic Product is mildly alkaline, inhalation will cause lung or mucous membrane irritation.

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

Footwear No special

Clothing No special

Other

Engineering Controls Use good ventilation (Local)

Leak And Spill Procedure Flush with water, if it is large quantity, contain the spill.

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

Handling Procedures And Equipment No special.

Storage Requirements No special-keep container closed.

Special Shipping Information No special requirement.

SECTION VIII - FIRST AID MEASURES

Skin Wash with plenty of water for 15 minutes.

Eye Flush with plenty of water for 15 minutes.

Inhalation Remove to fresh air and wash mouth with clear water. If not breathing give artificial respiration.

Ingestion Do not induce vomiting. Give 3 or 4 glasses of water or milk and get medical attention immediately.

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