

MATERIAL SAFETY DATA SHEET

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|--------------|---------------------|
| Flammability | Reactivity |
| Health | Personal Protection |

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name Heavy Duty Prespray (Steamsol)
Manufacturer Crown Chemical Products Inc. **Supplier's Name** Quality Cleaning Supplies and Services 2000 Inc.
Street Address 6125 Netherhart Road **Supplier's Address** 6435 Dixie Road, Unit #3
 Mississauga Ontario Mississauga, Ont.
 L5T 1G5 L5T 1X4
Emergency Tel. (905) 564-0904
Chemical Name **Chemical Family**
Molecular Weight **Material Use** Carpet 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 |
|-----------------------------|-----------------------------|------------------------------|-----------------|--|
| Ethylene Glycol Butyl Ether | 10-30 | 111.76.2 | TLV 25ppm ACGIH | LD ₅₀ (Oral, Rat) 470Mg/Kg |
| Trisodium Phosphate | 1-5 | 10101-89-0 | TLV 10ppm ACGIH | LD ₅₀ (Oral, Rat) 6500Mg/Kg |

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Liquid **Odour and Appearance** Mild solvent odour, Red in colour
Specific Gravity 1.0 **Evaporation Rate** N/AV **Boiling Point (°C)** 100
Freezing Point (°C) n/av **Solubility in Water (20°C)** completely **% Volatile (by volume)** N/AV
pH 12.5 **Density (g/ml)** 1.0 **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
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** Not classified
Hazardous Combustion Products CO, CO₂
Explosion Data - Sensitivity to Chemical Impact **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. Strong oxidizing agents.
Reactivity and Under What Conditions? n/ap
Hazardous Decomposition Products CO, CO₂

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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 Irritates skin and eyes; will cause nausea and vomiting and could cause dermatitis.

Exposure To Product

Effects Of Chronic None known

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 None necessary

Eye Goggles

Footwear No special

Clothing Rubber Apron

Other

Engineering Controls Mechanical Ventilation

Leak And Spill Procedure Flush with water.

Waste Disposal Neutralize to ph.9 before disposal.

Handling Procedures And Equipment No special precaution.

Storage Requirements Store in cool place where possible

Special Shipping Information None.

SECTION VIII - FIRST AID MEASURES

Skin Wash thoroughly with soap and water.

Eye Flush with water for 15 minutes.

Inhalation N/A

Ingestion Do not induce vomiting. Take to hospital emergency.

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