

# MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

## SECTION I - MATERIAL IDENTIFICATION AND USE

**Material Name** Citrus Power  
**Manufacturer** Crown Chemical Products Inc. **Supplier's Name**  
**Street Address** 6125 Netherhart Road **Supplier's Address**  
 Mississauga Ontario  
 L5T 1G5  
**Emergency Tel.** (905) 564-0904  
**Chemical Name** n/ap **Chemical Family** n/ap  
**Molecular Weight** n/av **Material Use** General purpose cleaner

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U. N. Numbers	Exposure Limits	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route
Nonionic surfactant	7-13	9016-45-9		LD50 (ORAL, RAT) 3000Mg/Kg LC50 (DERMAL, RABBIT) 2830Mg/Kg
Ethylene Glycol Monobutyl Ether	7-13	111.76.2	TLV = 25ppm skin (ACGIH 1987 & 1988)	LD50 (ORAL) 1480Mg/Kg (RAT) LC50 = 450ppm /4th (RAT)
D-Limonene	5-10	5989-27-5		LD50 4400Mg/Kg (ORAL, RAT)

## SECTION III - PHYSICAL DATA FOR MATERIAL

**Physical State** Liquid **Odour and Appearance** Clear, Lt orange, Citrus odour  
**Specific Gravity** 1.02 **Evaporation Rate** n/av **Boiling Point (°C)** 100  
**Freezing Point (°C)** 0 **Solubility in Water (20°C)** Completely **% Volatile (by volume)** <85  
**pH** 12.2 ± .5 **Density (g/ml)** n/ap **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** No special procedures  
**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  
**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. Under fire conditions  
**Incompatibility to Other Substances** Yes. Strong oxidizing agents.  
**Reactivity and Under What Conditions?**  
**Hazardous Decomposition Products** Oxides of Carbons

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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 Skin and eyes contact causes irritation. Could cause dermatitis and will cause nausea and  
Exposure To Product vomiting if ingested.

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

## SECTION VII - PREVENTIVE MEASURES

### Personal Protective Equipment

Gloves Rubber

Respiratory None necessary

Eye Goggles

Footwear None special

Clothing Rubber apron

Other

### Engineering Controls

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 a cool place where possible.

Special Shipping Information None

## SECTION VIII - FIRST AID MEASURES

Skin Wash with soap and water.

Eye Immediately flush with water.

Inhalation n/av

Ingestion Do not induce vomiting and 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