

MATERIAL SAFETY DATA SHEET

Flammability 0	Reactivity 1
Health 2	Personal Protection

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name	Lift Off	Supplier's Name	Quality Cleaning Supplies and Services 2000 Inc.
Manufacturer	Crown Chemical Products Inc.	Supplier's Address	6435 Dixie Road, Unit #3 Mississauga, Ont. L5T 1X4
Street Address	6125 Netherhart Road Mississauga, Ontario L5V 1M4		
Emergency Tel.	(905) 564-0904	Chemical Family	N/AP
Chemical Name	N/AP	Material Use	General purpose cleaner
Molecular Weight	N/AV		

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
Sodium Silicate	3-7	10213-79-3	N/AV	LD ₅₀ (Oral, Rat) 1540mg/kg
Ethylene glycol monobutyl ether	5-10	111-76-2	ACGIH TLV 25ppm	LD ₅₀ (Oral, Rat) 560mg/kg
Nonyl phenol ethoxylate	3-7	68412-54-4	N/AV	LD ₅₀ (Oral, Rat) 3000mg/kg

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State	Liquid	Odour and Appearance	Slight solvent odour blue colour.
Specific Gravity	1.10	Evaporation Rate	N/AV
Freezing Point (°C)	0	Solubility in Water (20°C)	Completely
pH	12.8-13.3	% Volatile (by volume)	85
Density (g/ml)	1.10	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 None

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, strong oxidizing agents.

Reactivity and Under What Conditions? N/AP

Hazardous Decomposition Products None

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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 eye contact causes irritation; could cause dermatitis and will cause nausea and vomiting

Exposure To Product 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

No Known Systemic Effects

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

Gloves Rubber

Respiratory None necessary

Eye Goggles

Footwear No special required

Clothing Rubber apron

Other

Engineering Controls Use with adequate 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 Remove contaminated clothing immediately and flush skin with water. Wash affected areas with soap and water.

Eye Hold eyelids open and flush thoroughly with clean water for at least 20 minutes. Get medical help.

Inhalation Remove to fresh air.

Ingestion Get medical help immediately. Unless unconscious or convulsing, give large amounts of water or milk. DO NOT induce vomiting unless directed by medical personnel.

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