



MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet complies with the Canadian Controlled Products Act

****NOTE: THE FOLLOWING INFORMATION PROVIDED IS FOR THE PRODUCT CONCENTRATE ONLY, NOT FOR USE-DILUTIONS****

SECTION 1 – PRODUCT IDENTIFICATION					
PRODUCT IDENTIFIER:		SIMQLEEN			
PRODUCT USE:		Low Foam, Non Caustic Alkaline Cleaner			
SUPPLIER:		Velocity Chemicals Ltd. Unit #1, 9515- 190 th St., Surrey, B.C. V4N-3S1 Emergency Telephone: (604) 881-4700 Facsimile: (604) 881-4701		In case of transportation emergency or product spill, contact: In Canada- CANUTEC @ 613-996-6666 (24 hrs.)	
SECTION 2 – HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENTS	% (W/W)	CAS NUMBER	LD50	LC50	EXPOSURE LIMITS
Tetrapotassium Pyrophosphate	1-5	7320-34-5	>1000 mg/kg (oral,rat) > 4640 mg/kg (skin,rabbit)	Not available	Not established
SECTION 3 – PHYSICAL DATA					
Physical state: liquid Solubility: soluble Odour and Appearance: clear, mild odor pH (100%) @ 20°C: 10.9 Specific Gravity @ 20°C: 1.050 Odour Threshold (ppm): not established			Vapour Density: not determined Vapour Pressure: not determined Evaporation Rate: not determined Boiling Point (°C): not determined Freezing Point (°C): not determined Coefficient of water/oil distribution: Greater than 1		
SECTION 4 – FIRE AND EXPLOSION DATA					

<p>Flammability: No, product is non-flammable. If yes, under what condition: Not applicable. Means of Extinction: Dry chemical, alcohol foam, CO₂, water spray. The product is not flammable. Use extinguishing media suitable for surrounding fires. Special Fire Fighting Procedures: Wear NIOSH/OSHA approved, self contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces. Explosion Data- Sensitivity to impact: None Sensitivity to static discharge: None</p>	<p>Flash Point (°C) and method: not applicable Upper Flammable limit (% volume): not applicable Lower Flammable limit (% volume): not applicable Autoignition temperature (°C): not applicable Usual Fire Hazards: none known Hazardous combustion products: phosphorous oxides, carbon oxides and other toxic organic vapours.</p>
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SIMQLEEN

SECTION 5 – REACTIVITY DATA

Chemical Stability: yes, stable under normal storage conditions
If no, under what conditions:
Incompatibility with other substances: yes
If so, under what conditions: strong acids and oxidizers
Reactivity, and under what conditions: none known
Hazardous Decomposition Products: may form phosphorous oxides & carbon oxides upon thermal decomposition.

SECTION 6 – TOXICOLOGICAL PROPERTIES

Primary route of entry: skin and eye contact, inhalation
Effects of Acute Exposure to Product: Product exposure may cause irritation to skin and eyes. Inhaling mist or vapors may cause irritation or discomfort to respiratory system.
Effects of Chronic Exposure to Product: Prolonged exposure may cause skin dermatitis.

Exposure Limits: see Section 2 under Hazardous Ingredients
Irritancy of Product: Irritating to skin, eyes and respiratory system.
Sensitization: none known
Reproductive Toxicity: none known

Mutagenicity: none known
Carcinogenicity: none known
Teratogenicity: none known
Synergistic Products: none known

SECTION 7 – PREVENTATIVE MEASURES

Respiratory Protection: Normally not required. Use a NIOSH/OSHA approved for alkaline mist/dust if mists or organic vapors are present.
Gloves: butyl or natural rubber
Eye Protection: splash proof chemical goggles or face shield.

Footwear: no special requirement
Clothing: long sleeve coveralls
Other:

Engineering Controls: General ventilation for normal operating conditions or local exhaust for confined areas.

Leak and Spill Procedures: Wear protective equipment. Contain spill. Prevent runoff to drains or sewers. Recover material by vacuum or pump into a suitable waste container. Reuse material if possible, or otherwise neutralize with acid before disposal. Dispose in accordance with local regulations.

Waste Disposal: Dispose of in accordance with local environmental regulations.

Handling Procedures and Equipment: Use good hygiene practices. Avoid contact with eyes, skin and clothing. Avoid inhaling mists/vapors. Eye wash station should be available in the immediate work area.

Storage Requirements: Store in a cool, dry place away from incompatibles. Do not mix with any other chemicals. Keep container closed when not in use. Keep from freezing and temperatures below 30°C.

SIMQLEEN

SECTION 7 – PREVENTATIVE MEASURES(cont.)

Special Shipping Information:

WHMIS Classification: D2B

TDG Classification: Not Regulated

SECTION 8 – FIRST AID MEASURES

Inhalation: Remove victim to fresh air, apply artificial respiration if necessary. Seek medical help.
Ingestion: Give large amounts of water if conscious. Do not induce vomiting. Get medical help immediately.
Skin Contact: Wash thoroughly with water for 15 minutes. If irritation persists, seek medical attention.
Eye Contact: Flush immediately with water for 15-20 minutes. Seek medical help.

SECTION 9 - OTHER INFORMATION

REVISIONS: October 15, 2010

SUPERCEDES: December 14, 2007

PREPARED BY: Technical Department (Customer Service phone number: 604-881-4700)

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