



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:	Knock Down II					
PRODUCT USE:	Silicone Defoamer for WasteWater Treatment					
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	
This product does not contain any ingredients that are controlled in accordance to the Hazardous Product Act.						
SECTION 3 – PHYSICAL DATA						
Physical state: liquid Solubility: dispersible Odour and Appearance: opaque white , mild odor pH (100%) @ 20°C: 7 - 9 Specific Gravity @ 20°C: 0.980 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: not determined			
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: > 260°C (PMCC) Upper Flammable limit (% volume): not applicable Lower Flammable limit (% volume): not applicable Autoignition temperature (°C): not applicable Hazardous combustion products: carbon oxides, silicone dioxide and other toxic organic fumes upon thermal decomposition.</p>
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SECTION 5 – REACTIVITY DATA

Chemical Stability: yes, stable under normal storage conditions
If no, under what conditions:
Incompatibility with other substances: none known
If so, under what conditions: none known
Reactivity, and under what conditions: strong oxidizers
Hazardous Decomposition Products: carbon oxides, silicone dioxide and other toxic organic fumes will be liberated 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 mild skin and eye irritation. Inhaling mist may cause transient 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: may cause slight irritation 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: Generally not required under normal use. Use a NIOSH/OSHA approved mist/dust respirator if mists are present. Gloves: butyl or rubber Eye Protection: splash proof safety goggles or glasses	Footwear: rubber shoes Clothing: long sleeve Other:
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Engineering Controls: General ventilation for normal operating conditions

Leak and Spill Procedures: Product is very slippery on surfaces. Cautiously, pick up spilled product either by vacuum or absorb with inert absorbent material. Flush left over residue with plenty of water. Reuse material if possible, or otherwise 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.

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SECTION 7 – PREVENTATIVE MEASURES (cont.)

Special Shipping Information:

WHMIS Classification: Not Regulated
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 persist, 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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