



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:		JACKPOT			
PRODUCT USE:		Multi-Purpose Alkaline Cleaner			
SUPPLIER:		<p>Velocity Chemicals Ltd. Unit #1, 9515- 190th St., Surrey, B.C. V4N-3S1 Emergency Telephone: (604) 881-4700 Facsimile: (604) 881-4701</p> <p>In case of transportation emergency or product spill, contact: In Canada- CANUTEC @ 613-996-6666 (24 hrs.)</p>			
SECTION 2 – HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENTS	% (W/W)	CAS NUMBER	LD50	LC50	EXPOSURE LIMITS
Potssium Hydroxide	1-5	1310-58-3	365 mg/kg (oral, rat)	Not available	OSHA(PEL) & ACGIH (TLV)= 2mg/m3(ceiling)
SECTION 3 – PHYSICAL DATA					
Physical state: liquid Solubility: soluble Odour and Appearance: clear, mild odor pH (100%) @ 20°C: 13.0-14.0 Specific Gravity @ 20°C: 1.06 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.</p> <p>If yes, under what condition: Not applicable.</p> <p>Means of Extinction: Dry chemical, alcohol foam, CO₂, water spray. The product is not flammable. Use extinguishing media suitable for surrounding fires.</p> <p>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.</p> <p>Explosion Data-</p> <p>Sensitivity to impact: None</p> <p>Sensitivity to static discharge: None</p>	<p>Flash Point (°C) and method: not applicable</p> <p>Upper Flammable limit (% volume): not applicable</p> <p>Lower Flammable limit (% volume): not applicable</p> <p>Autoignition temperature (°C): not applicable</p> <p>Usual Fire Hazards: Prolonged contact with sensitive metals like aluminum may form flammable hydrogen gas.</p> <p>Hazardous combustion products: may liberate carbon oxides, and other toxic organic vapours.</p>
JACKPOT	
SECTION 5 – REACTIVITY DATA	
<p>Chemical Stability: yes, stable under normal storage conditions</p> <p>If no, under what conditions:</p> <p>Incompatibility with other substances: yes</p> <p>If so, under what conditions: strong acids and oxidizers, and reacts with sensitive metals such as zinc or aluminum to form flammable hydrogen gas.</p> <p>Reactivity, and under what conditions: none known</p> <p>Hazardous Decomposition Products: : may form carbon oxides upon thermal decomposition.</p>	
SECTION 6 – TOXICOLOGICAL PROPERTIES	
<p>Primary route of entry: skin and eye contact, inhalation</p> <p>Effects of Acute Exposure to Product: Product exposure may cause irritation or burns to skin and eyes. Inhaling mist or vapors may cause immediate irritation, burns or discomfort to respiratory system, headaches, nausea, etc..</p> <p>Effects of Chronic Exposure to Product: Prolonged exposure may cause skin dermatitis and respiratory disorder.</p>	
<p>Exposure Limits: see Section 2 under Hazardous Ingredients</p> <p>Irritancy of Product: corrosive to skin, eyes and respiratory system.</p> <p>Sensitization: none known</p> <p>Reproductive Toxicity: none known</p>	<p>Mutagenicity: none known</p> <p>Carcinogenicity: none known</p> <p>Teratogenicity: none known</p> <p>Synergistic Products: none known</p>
SECTION 7 – PREVENTATIVE MEASURES	

Respiratory Protection: Use a NIOSH/OSHA approved for alkaline mist/dust and organic vapor respirator if mists or vapors are present. Gloves: butyl or natural rubber, nitrile, neoprene Eye Protection: splash proof chemical goggles or face shield.		Footwear: rubber shoes Clothing: long sleeve coveralls Other: rubber apron
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. Safety shower and 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.		
JACKPOT		
SECTION 7 – PREVENTATIVE MEASURES (cont.)		
Special Shipping Information: WHMIS Classification: E TDG Classification: Corrosive Liquid, N.O.S. (Potassium Hydroxide Mixture), Class 8, UN 1760, P.G. III		
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 14, 2010	SUPERCEDES: May 6, 2009
PREPARED BY:	Technical Department (Customer Service phone number: 604-881-4700)	
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