

# MATERIAL SAFETY DATA SHEET

## SECTION 1--PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: <b>CLIFF BRAND SWEEPING COMPOUND</b>		PRODUCT IDENTIFICATION NUMBER (PIN):	
PRODUCT USE: <b>FLOOR SWEEPING</b>			
MANUFACTURE'S NAME: <b>TORONTO SALT &amp; CHEMICALS LTD.</b>		SUPPLIER'S NAME: <b>TORONTO SALT &amp; CHEMICALS LTD.</b>	
STREET ADDRESS: <b>31 PORTLAND STREET</b>		STREET ADDRESS: <b>31 PORTLAND STREET</b>	
CITY: <b>ETOBICOKE</b>	PROVINCE: <b>ONTARIO</b>	CITY: <b>ETOBICOKE</b>	PROVINCE: <b>ONTARIO</b>
POSTAL CODE: <b>M8Y 1A6</b>	EMERGENCY TELEPHONE NO.: <b>416-259-9647</b>	POSTAL CODE: <b>M8Y 1A6</b>	EMERGENCY TELEPHONE NO.: <b>416-259-9647</b>

## SECTION 2--HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	EXPOSURE LIMITS	LC50 OF INGREDIENT (SPECIFY SPECIES)
<b>DOLOMITIC GRINDINGS (CALCIUM MAGNESIUM CARBONATE)</b>		1317-65-3	10 mg / m3	NOT AVAILABLE
<b>GROUND WOOD (SAWDUST)</b>			5 mg / m3	NOT AVAILABLE
<b>OIL (MINERAL)</b>		8012-95-1	5 mg / m3	NOT AVAILABLE
<b>SILICON-CRYSTALLINE</b>	.03 -.15	14808-60-7	0.1 mg /m3	NOT AVAILABLE
<b>NOTE: SILICA IS BOUND WITHIN DOLOMITE CRYSTALS. NO FREE SILICA IS PRESENT.</b>				
<b>WATER</b>		NOT AVAILABLE	NOT APPLICABLE	NOT AVAILABLE

## SECTION 3--PHYSICAL DATA

PHYSICAL STATE: <b>SOLID</b>		ODOUR AND APPEARANCE: <b>LEMON / OIL ODOUR – GREEN / RED COLOUR --GRANULAR / FIBEROUS</b>		ODOUR THRESHOLD (ppm) <b>NOT APPLICABLE</b>	
VAPOUR PRESSURE (mm Hg) <b>NOT APPLICABLE</b>	VAPOUR DENSITY (AIR=1): <b>NOT APPLICABLE</b>	EVAPORATION RATE: <b>NOT APPLICABLE</b>	BOILING POINT: <b>NOT APPLICABLE</b>	FREEZING POINT (C): <b>NOT APPLICABLE</b>	
pH: <b>NOT APPLICABLE</b>	SPECIFIC GRAVITY: <b>1.65</b>		COEFF. WATER/OIL DISTR: <b>NOT APPLICABLE</b>		

## SECTION 4--FIRE AND EXPLOSION DATA

FLAMMABILITY: YES:        NO: <b>X</b> IF YES, UNDER WHICH CONDITIONS? MATERIAL IS NOT FLAMMABLE AT STANDARD AMBIENT CONDITIONS.		
MEANS OF EXTINCTION: <b>WATER, CARBON DIOXIDE, FOAM, ETC.</b>		
FLASHPOINT (C) AND METHOD: <b>&gt;200</b>	UPPER FLAMMABLE LIMIT (% BY VOLUME): <b>NOT APPLICABLE</b>	LOWER FLAMMABLE LIMIT (% BY VOLUME): <b>NOT APPLICABLE</b>

AUTOIGNITION TEMPERATURE (C): <b>&gt;400</b>		HAZARDOUS COMBUSTION PRODUCTS: <b>CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES, (FORMALDEHYDE)</b>	
EXPLOSION DATA: NOT APPLICABLE	SENSITIVITY TO IMPACT: NOT APPLICABLE		SENSITIVITY TO STATIC DISCHARGE: NOT SENSITIVE

### SECTION 5--REACTIVITY DATA

CHEMICAL STABILITY YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> <b>IF NO, UNDER WHICH CONDITIONS?: MATERIAL IS STABLE AT STANDARD AMBIENT CONDITIONS</b>			
INCOMPATIBILITY WITH OTHER SUBSTANCES YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> <b>IF SO, WHICH ONES?: THE PRODUCT IS COMPATIBLE WITH MOST INDUSTRIAL MATERIALS.</b>			
REACTIVITY, AND UNDER WHAT CONDITIONS: <b>THE MATERIAL WILL REACT WITH MINERAL ACIDS(HCL, HF, HNO3,H2SO4, ETC.) TO RELEASE CARBON DIOXIDE.</b>			
HAZARDOUS DECOMPOSITION PRODUCTS: <b>AT HIGH TEMPERATURE, THE PRODUCT WILL DECOMPOSE INTO CARBON DIOXIDE, CARBON MONOXIDE, AND ALDEHYDES (FORMALDEHYDE).</b>			

### SECTION 6--TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY INHALATION:N/A				SKIN CONTACT: X INGESTION:X		SKIN ABSORPTION: N/A		EYE CONTACT: X	
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: <b>DIRECT SKIN CONTACT WITH THE PRODUCT WILL NOT CAUSE SERIOUS INJURY, BUT PEOPLE WITH ALLERGIES MAY EXPERIENCE SLIGHT IRRITATION. DIRECT EYE CONTACT MAY CAUSE ABRASION AND IRRITATION OF EYE TISSUE.</b>									
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: <b>NO ILL EFFECTS ARE EXPECTED FROM CHRONIC EXPOSURE TO THE PRODUCT.</b>									
EXPOSURE LIMITS: <b>5 MG/M3 (NUISANCE DUST)</b>			IRRITANCY OF PRODUCT: <b>NOT IRRITATING (ONLY IN CASE OF ALLERGIES)</b>			SENSATION TO PRODUCT: <b>NOT SENSITIZING</b>		CARCINOGENITY: NOT APPLICABLE	
TERATOGENICITY: NOT APPLICABLE			REPRODUCTIVE TOXICITY: NOT APPLICABLE			MUTAGENICITY: NOT APPLICABLE		SYNERGISTIC PRODUCTS: <b>NONE KNOWN</b>	

### SECTION 7--PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:		
GLOVE(SPECIFY): <b>REGULAR WORKING GLOVES</b>	RESPIRATOR (SPECIFY): <b>NOT REQUIRED</b>	EYE (SPECIFY): <b>SAFETY GLASSES</b>
FOOTWEAR(SPECIFY): <b>WORKING SHOES(BOOTS)</b>	CLOTHING (SPECIFY): <b>REGULAR WORKING CLOTHING</b>	OTHER (SPECIFY):
ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS): <b>NONE REQUIRED</b>		

LEAK AND SPILL PROCEDURE: <b>GATHER SPILL PRODUCT FOR REUSE OR DISPOSAL</b>
WASTE DISPOSAL: <b>DISPOSE THE WASTE PRODUCT THROUGH AN AUTHORIZED WASTE DISPOSAL AGENCY.</b>
HANDLING PROCEDURES AND EQUIPMENT: <b>NO SPECIAL PROCEDURE REQUIRED TO HANDLE THE MATERIAL.</b>
STORAGE REQUIREMENTS: <b>THE PRODUCT SHOULD BE STORED IN DRY PLACE-STORAGE CONDITION.</b>
SPECIAL SHIPPING INFORMATION: <b>MATERIAL IS CHEMICALLY INERT - NON FLAMMABLE CLASS D/2</b>

### SECTION 8--FIRST AID MEASURES

SPECIFIC MEASURES: <b>SKIN - WASH WITH SOAP AND WATER</b> <b>EYE - WASH WITH WATER FOR AT LEAST 15 MINUTES OR UNTIL THE ABRASIVENESS DISAPPEARS</b> <b>INHALATION - PRODUCT IS DUST FREE - NO INHALATION CAN OCCUR</b> <b>INGESTION - IN CASE OF INGESTION, DRINK PLENTY OF MILK AND LET NATURE TAKE ITS COURSE.</b> <b>GENERAL ADVISE - PRACTICE GOOD HYGIENE.</b>
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### SECTION 9--PREPARATION DATE OF MSDS

PREPARED BY : (GROUP, DEPARTMENT )	PHONE NUMBER: <b>416-259-9647</b>	DATE: <b>January 1, 2004</b>
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