



MATERIAL SAFETY DATA SHEET

SECTION 1--PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: CLIFF BRAND SWEEPING COMPOUND		PRODUCT IDENTIFICATION NUMBER (PIN):	
PRODUCT USE: FLOOR SWEEPING			
MANUFACTURE'S NAME: TORONTO SALT & CHEMICALS LIMITED		SUPPLIER'S NAME: TORONTO SALT & CHEMICALS LIMITED	
STREET ADDRESS: 275 GLIDDEN ROAD		STREET ADDRESS: 275 GLIDDEN ROAD	
CITY: BRAMPTON	PROVINCE: ONTARIO	CITY: BRAMPTON	PROVINCE: ONTARIO
POSTAL CODE: L6W 1H9	EMERGENCY TELEPHONE NO.: 905-459-9647	POSTAL CODE: L6W 1H9	EMERGENCY TELEPHONE NO.: 905-459-9647

SECTION 2--HAZARDOUS INGREDIENTS

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

SECTION 3--PHYSICAL DATA

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

SECTION 4--FIRE AND EXPLOSION DATA

FLAMMABILITY: YES: NO: X IF YES, UNDER WHICH CONDITIONS? MATERIAL IS NOT FLAMMABLE AT STANDARD AMBIENT CONDITIONS.		
MEANS OF EXTINCTION: WATER, CARBON DIOXIDE, FOAM, ETC.		
FLASHPOINT (C) AND METHOD: >200	UPPER FLAMMABLE LIMIT (% BY VOLUME): NOT APPLICABLE	LOWER FLAMMABLE LIMIT (% BY VOLUME): NOT APPLICABLE
AUTOIGNITION TEMPERATURE (C): >400	HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES, (FORMALDEHYDE)	
EXPLOSION DATA: NOT APPLICABLE	SENSITIVITY TO IMPACT: NOT APPLICABLE	SENSITIVITY TO STATIC DISCHARGE: NOT SENSITIVE



SECTION 5--REACTIVITY DATA

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

SECTION 6--TOXICOLOGICAL PROPERTIES

<p>ROUTE OF ENTRY INHALATION:N/A SKIN CONTACT: X SKIN ABSORPTION: N/A EYE CONTACT: X INGESTION:X</p>			
<p>EFFECTS OF ACUTE EXPOSURE TO PRODUCT: DIRECT SKIN CONTACE 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.</p>			
<p>EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: NO ILL EFFECTS ARE EXPECTED FROM CHRONIC EXPOSURE TO THE PRODUCT.</p>			
<p>EXPOSURE LIMITS: 5 MG/M3 (NUISANCE DUST)</p>	<p>IRRITANCY OF PRODUCT: NOT IRRITATING (ONLY IN CASE OF ALLERGIES)</p>	<p>SENSATION TO PRODUCT: NOT SENSITIZING</p>	<p>CARCINOGENITY: NOT APPLICABLE</p>
<p>TERATOGENICITY: NOT APPLICABLE</p>	<p>REPRODUCTIVE TOXICITY: NOT APPLICABLE</p>	<p>MUTAGENICITY: NOT APPLICABLE</p>	<p>SYNERGISTIC PRODUCTS: NONE KNOWN</p>

SECTION 7--PREVENTIVE MEASURES

<p>PERSONAL PROTECTIVE EQUIPMENT:</p>		
<p>GLOVE(SPECIFY): REGULAR WORKING GLOVES</p>	<p>RESPIRATOR (SPECIFY): NOT REQUIRED</p>	<p>EYE (SPECIFY): SAFETY GLASSES</p>
<p>FOOTWEAR(SPECIFY): WORKING SHOES(BOOTS)</p>	<p>CLOTHING (SPECIFY): REGULAR WORKING CLOTHING</p>	<p>OTHER (SPECIFY):</p>
<p>ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS): NONE REQUIRED</p>		
<p>LEAK AND SPILL PROCEDURE: GATHER SPILL PRODUCT FOR REUSE OR DISPOSAL</p>		
<p>WASTE DISPOSAL: DISPOSE THE WASTE PRODUCT THROUGH AN AUTHORIZED WASTE DISPOSAL AGENCY.</p>		
<p>HANDLING PROCEDURES AND EQUIPMENT: NO SPECIAL PROCEDURE REQUIRED TO HAND LE THE MATERIAL.</p>		
<p>STORAGE REQUIREMENTS: THE PRODUCT SHOULD BE STORED IN DRY PLACE-STORAGE CONDITION.</p>		
<p>SPECIAL SHIPPING INFORMATION: MATERIAL IS CHEMICALLY INERT - NON FLAMMABLE CLASS D/2</p>		



SECTION 8--FIRST AID MEASURES

SPECIFIC MEASURES:

SKIN - WASH WITH SOAP AND WATER

EYE - WASH WITH WATER FOR AT LEAST 15 MINUTES OR UNTIL THE ABRASIVENESS DISAPPEARS

INHALATION - PRODUCT IS DUST FREE - NO INHALATION CAN OCCUR

INGESTION - IN CASE OF INGESTION, DRINK PLENTY OF MILK AND LET NATURE TAKE ITS COURSE.

GENERAL ADVISE - PRACTICE GOOD HYGIENE.

SECTION 9--PREPARATION DATE OF MSDS

PREPARED BY : (GROUP, DEPARTMENT)	PHONE NUMBER: 905-459-9647	DATE: February 23, 2012
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