

MATERIAL SAFETY DATA SHEET

SECTION 1--PRODUCT IDENTIFICATION AND USE

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

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

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| 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

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| 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 |

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| 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

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

SECTION 6--TOXICOLOGICAL PROPERTIES

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

SECTION 7--PREVENTIVE MEASURES

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

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

SECTION 8--FIRST AID MEASURES

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| 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. |
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SECTION 9--PREPARATION DATE OF MSDS

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| PREPARED BY : (GROUP, DEPARTMENT) | PHONE NUMBER: 416-259-9647 | DATE: January 7, 2014 |
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