

# SAFETY DATA SHEET (SDS)

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## 1. Product and Company Identification

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<b>Product identifier</b>	Sweeping compound
<b>Other means of identification</b>	Cliff® Cliff Sweeping Compound, Handee Janitor Econo Sweep, Envirosweep
<b>Recommended use</b>	Dust control for concrete, untreated wood and metal floors
<b>Recommended restrictions</b>	Not to be used on finished wood floors.
<b>Manufacturer</b>	Toronto Salt & Chemicals Limited 275 Glidden Rd. Brampton, ON L6W 1H9 Emergency 905-459-9647

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## 2. Hazards Identification

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<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Eye Irritation: Category 2B
<b>Environmental hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	WARNING
<b>Hazard statement</b>	H320: Causes eye irritation.
<b>Precautionary statement</b>	
<b>Prevention</b>	P264: Wash hands thoroughly after handling.
<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Storage</b>	GHS does not specify storage requirements for 2B.
<b>Disposal</b>	GHS does not specify disposal requirements for 2B.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	Not applicable.

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## 3. Composition/Information on Ingredients

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<b>Sweeping Compounds</b>	Dolomitic grindings (Calcium Magnesium Carbonate), ground wood, oil (mineral), silicon-crystalline (0.3% - 0.15%),
<b>Composition comments</b>	The criteria for listing components in this section are: Carcinogens, Respiratory Sensitizers, Muagens, Teratogens and Reproductive toxins are listed when present at 0.1% or greater; components which are otherwise hazardous according to WHMIS/OSHA are listed when present at 1.0% or greater. Non hazardous components are not listed. The products pertaining to this SDS have various proportions of components which do not meet the listing criteria. No free silica is present. Silica is bound within the dolomite crystals.

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## 4. First Aid Measures

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<b>Inhalation</b>	Product is dust free, however if unconscious, place in a recovery position and seek medical advice.
<b>Skin contact</b>	Rinse skin with water/soap/shower. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water for at least fifteen (15) minutes or until abrasiveness disappears. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Keep respiratory tract clear, rinse mouth if conscious. Drink plenty of milk (3-4 glasses) and let nature take its course. If ingestion of a large amount does occur, seek medical attention, DO NOT induce vomiting.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.

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### 5. Fire Fighting Measures

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<b>Suitable extinguishing media</b>	Water and chemical extinguishers.
<b>Unsuitable extinguishing media</b>	Not applicable.
<b>Specific hazards arising from the chemical</b>	During fire, smoke, gases hazardous to health may be formed i.e. carbon dioxide, carbon monoxide, aldehydes (formaldehyde).
<b>Special protective equipment and precautions for firefighters</b>	Use appropriate firefighting PPE as a general precaution.
<b>Fire-fighting equipment/instructions</b>	Combustible > 200°C and is not a concern for firefighting equipment or methods.
<b>Specific methods</b>	In the event of a fire, equipment and methods that are consistent with the combusting material should be utilized.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Carbon dioxide, carbon monoxide, aldehydes (formaldehyde).
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available.
<b>Sensitivity to static discharge</b>	Not available.

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### 6. Accidental Release Measures

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<b>Personal precautions, protective equipment and emergency procedures</b>	Restrict area to facilitate cleanup.
<b>Methods and materials for containment and clean up</b>	Stop the flow of material, if this is without risk. Prevent direct entry into waterways and sewers. Following product recovery, flush area with water if necessary. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid direct release into waterways and sewers.

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### 7. Handling and Storage

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<b>Precautions for safe handling</b>	Use care in handling/storage.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials, food and food preparation surfaces. (see section 10).

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### 8. Exposure Controls/Personal Protection

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<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Not available.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Safety glasses if eye contact is possible.
<b>Skin protection</b>	
<b>Hand protection</b>	If there is constant skin contact, rubber gloves are recommended.
<b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment.

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**9. Physical and Chemical Properties**

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<b>Appearance</b>	Granular.
<b>Physical state</b>	Solid.
<b>Form</b>	Solid.
<b>Colour</b>	Green.
<b>Odour</b>	Pine.
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	Not applicable.
<b>Initial boiling point and boiling range</b>	Not applicable.
<b>Pour point</b>	Not applicable.
<b>Specific gravity</b>	1.65
<b>Partition coefficient (n-octanol/water)</b>	Not applicable.
<b>Flash point</b>	>200° C
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	>200° C
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower %</b>	>200° C
<b>Flammability limit - upper %</b>	Not applicable.
<b>Explosive limit - lower (%)</b>	Not applicable.
<b>Explosive limit - upper (%)</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	Not applicable.
<b>Solubility(ies)</b>	Not applicable.
<b>Auto-ignition temperature</b>	>400° C
<b>Decomposition temperature</b>	Not applicable.
<b>Viscosity</b>	Not applicable.

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**10. Stability and Reactivity**

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<b>Reactivity</b>	Material will react with mineral acids (HCL, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , etc.) releasing carbon dioxide.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	Material is stable under normal conditions
<b>Conditions to avoid</b>	Contact with incompatible materials, i.e. mineral acids.
<b>Incompatible materials</b>	Not applicable
<b>Hazardous decomposition products</b>	Decomposes into carbon dioxide, carbon monoxide and aldehydes (formaldehyde).

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## 11. Toxicological Information

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### Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact.	No adverse effects due to skin contact are expected
Eye contact	Direct contact with eyes may cause temporary irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

**Acute toxicity** Not classified.

**Skin corrosion/irritation** Not available.

**Exposure minutes** Not available.

**Erythema value** Not available.

**Oedema value** Not available.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Corneal opacity value** Not available.

**Iris lesion value** Not available.

**Conjunctival reddening value** Not available.

**Conjunctival oedema value** Not available.

**Recover days** Not available.

### Respiratory or skin sensitization

**Respiratory sensitization** Not available.

**Skin sensitization** This product is not expected to cause skin sensitization.

### Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity SHA.** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or O.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Teratogenicity** Not classified.

**Specific target organ toxicity. single exposure** Not classified.

**Aspiration hazard** Not classified.

**Chronic effects** Not classified

**Further information** This product has no known adverse effect on human health.

**Name of Toxicologically Synergistic Products** Not available.

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## 12. Ecological Information

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**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Mobility in general** Not available

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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## 13. Disposal Considerations

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**Disposal instructions** Collect and reclaim or dispose in sealed containers in accordance with applicable regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues /unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some products product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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**14. Transportation**

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**U.S. Department of Transportation (DOT)**

Not regulated as dangerous goods.

**Transportation of Dangerous Goods (TDG - Canada)**

Not regulated as dangerous goods.

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**15. Regulatory Information**

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Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS status Not Controlled

Inventory status

	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

•A "Yes indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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**16. Other information**

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LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied is made and supplier will not be liable for any losses, injuries or on consequential damages which may result from the use of or reliance information contained in this document.

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**Other information**

This Safety Data Sheet was prepared to comply with the current Hazardous Products Act and Hazardous Products Regulation.