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**SECTION I - PRODUCT IDENTIFICATION**

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<b>Product name</b>	White Clay
<b>Synonyms and other names</b>	Kaolin (Bolus Alba)
<b>Recommended uses</b>	Not applicable.
<b>Material uses</b>	Not applicable.
<b>Supplier</b>	Coop Coco & Calendula 273 Rue Saint-Zotique E, Montréal, QC H2S 1L4
<b>Emergency number</b>	Poison control Centre: 1-800-463-5060

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**SECTION 2 - HAZARDS IDENTIFICATION**

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**Product classification (WHMIS 2015)** Carcinogenicity - Class 1A: Contains less than 1% of a carcinogen: crystalline silica (quartz)



**Hazards information** Can cause cancer (H350)

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**SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS**

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<b>Chemical formula</b>	Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> · 2 H <sub>2</sub> O	
<b>CAS number</b>	1332-58-7	
<b>Hazardous ingredients</b>	<b>CAS number</b>	<b>%</b>
Quartz	14808-60-7	1%

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**SECTION 4 - FIRST AID MEASURES**

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<b>General information</b>	No acute and delayed symptoms and effects are observed.
<b>Eye contact</b>	Do not rub eye. Rinse with copious quantities of water and seek medical attention if irritation persists.
<b>Skin contact</b>	Wash skin with soap and water. Use suitable lotion to moisturise skin.



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**Inhalation** Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

**Ingestion** Rinse mouth thoroughly. Get medical attention if any discomfort continues.

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### SECTION 5 - FIRE AND EXPLOSION DATA

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**Fire extinguishing procedures** The product is non-combustible. No specific extinguishing media is needed.

**Special remarks on fire/explosion hazards** Non combustible. No hazardous thermal decomposition.

**Fire fighting media and instructions** No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire.

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### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**Protective clothing in case of spill and leak** Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.

**Environmental precautions** Do not discharge into drains, water courses or onto the ground.

**Methods and material for containment and cleaning up** Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.

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### SECTION 7 - HANDLING AND STORAGE

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**Handling precaution** Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.

**Storage precaution** Store in a dry covered area. Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.

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### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Exposure limits</b>	Inorganic dust	4 mg/m <sup>3</sup>
	Kaolin	2 mg/m <sup>3</sup>
	Quartz	0,1 mg/m <sup>3</sup>



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<b>Engineering controls</b>	<p>Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.</p> <p>Respiratory equipment In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the legislation.</p>
<b><u>Personal protection :</u></b>	
<b>Inhalation</b>	<p>In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European or national legislation.</p>
<b>Skin</b>	<p>For prolonged or repeated skin contact use suitable protective gloves. PVC or rubber gloves are recommended. No specific requirement. Appropriate protection (e.g. protective clothing, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin.</p>
<b>Eye</b>	<p>Use eye protection. Goggles/face shield are recommended. Contact lenses should not be worn when working with this product.</p>

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### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical state and appearance</b>	Powder. White / off-white.
<b>Odor</b>	Almost odourless.
<b>pH</b>	Not available.
<b>Melting Point, Boiling Point, Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability, Flammable limits, Vapor pressure, Vapor density</b>	Not available.
<b>Relative density</b>	2,6 - 2,7
<b>Solubility</b>	Insoluble in water.
<b>Water/oil dist. coeff.</b>	Not available.
<b>Decomposition temperature, Auto-ignition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

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### SECTION 10 - STABILITY AND REACTIVITY DATA

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<b>Stability</b>	Stable under normal temperature conditions and recommended use.
<b>Reactivity</b>	No specific reactivity hazards associated with this product.
<b>Possibility of hazardous reactions</b>	Not applicable.
<b>Conditions of instability</b>	No particular incompatibility.
<b>Incompatibility with substances</b>	No specific, or groups of materials are likely to react to produce a hazardous situation.
<b>Decomp. products</b>	None under normal conditions.

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### SECTION 11 - TOXICOLOGICAL INFORMATION

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<b>Acute effects</b>	This product has low toxicity. Only large volumes may have adverse impact on human health.
<b>Eye</b>	Particles in the eyes may cause irritation and smarting.
<b>Skin</b>	Prolonged contact may cause dryness of the skin.
<b>Inhalation</b>	Dust in high concentrations may irritate the respiratory system.
<b>Ingestion</b>	No harmful effects expected in amounts likely to be ingested by accident.

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### SECTION 12 - ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	The product components are 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.
<b>Persistence and degradation</b>	LC 50, 96 Hrs, Fish mg/l >1000 EC 50, 48 Hrs, Daphnia, mg/l >1000 IC 50, 72 Hrs, Algae, mg/l >1000  The product is not biodegradable.
<b>Bioaccumulation</b>	The product does not contain any substances expected to be bioaccumulating.
<b>Mobility in soil</b>	The product is insoluble in water.
<b>Other adverse effects</b>	None known.

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### SECTION 13 - DISPOSAL CONSIDERATIONS

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#### Waste Disposal

This mineral can be disposed of as a non toxic/inactive material in approved landfill sites in accordance with local regulations. Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

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### SECTION 14 - TRANSPORT INFORMATION

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#### United Nations number, Identification

Not regulated.

#### Classes of dangerous goods, Packing group, Environmental hazards, Bulk transport

Not regulated.

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### SECTION 15 - OTHER REGULATORY INFORMATION

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#### Federal, international and other regulations

Not regulated.

#### Other classification

NFPA : Not available.

HMIS : Not available.

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### SECTION 16 - OTHER INFORMATION

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#### Last Updated

30-11-2016

IMPORTANT : The information presented herein is believed to be accurate and is obtained from current and reliable sources. Final determination of the suitability of the material is the sole responsibility of the user, this document is offered only as a guide. Users assume all risk of use, storage and handling of the product. Coop Coco & Calendula shall not be held responsible for any damages to property or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge or the improper use of a product. Coop Coco & Calendula strongly recommends small lab scale testing for evaluation purposes prior to full commercial manufacturing.