

1. PRODUCT AND COMPANY INFORMATION

| | |
|----------------------------|--|
| Product Name | Pure Glacial Marine Clay |
| Product Reference | Pure Ultra Fine Glacial Marine Powdered Clay |
| INCI Name | Canadian Colloidal Clay or Sea Silt |
| Country of Origin | Canada |
| CAS No | 1318-93-0 |
| Product Use | Cosmetic and Personal Care Formulations |
| Supplier | GLACIAL BAY ORGANIC CLAY INC. |
| Address | 1627 Cedar Road, Nanaimo, BC V9X 1L4 |
| Emergency Telephone Number | 250-323-4602 |

2. HAZARDS IDENTIFICATION – EMERGENCY OVERVIEW

| | |
|--------------------|---|
| Inhalation | The product may contain breathable dust. Prolonged inhalation of a high concentration may affect lung function. To use in complete safety, respect exposure limits below. |
| EC classification | Unclassified |
| SGH classification | Unclassified |

3. COMPOSITION/INFORMATION INGREDIENTS

| | |
|-------------|---------------------------------------|
| INGREDIENTS | 100% NATURAL PURE GLACIAL MARINE CLAY |
| INCI NAME | CANADIAN COLLOIDAL CLAY or SEA SILT |
| CAS No | 1318-93-0 |

4. FIRST AID MEASURES

| | |
|------------|---|
| Eyes | Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists. |
| Skin | Wash off with water. |
| Ingestion | No particular measure. Seek medical attention if large dose is ingested. May cause constipation. |
| Inhalation | Remove self to fresh air. If continued respiratory irritation occurs or if breathing becomes difficult, seek medical attention. |

5. FIRE FIGHTING MEASURES

| | |
|---------------------------|------------------------------------|
| Inflammable and non-toxic | No reported risk in event of fire. |
|---------------------------|------------------------------------|

6. ACCIDENTAL RELEASE MEASURES/STEPS FOR SPILLS

| | |
|------------------------|--|
| Precautions | Avoid dust formation. In the event of high exposure to volatile dust, wear a protective mask and goggles. |
| Methods for clean up | Sweep up all spills carefully. dispose of according to local regulations. |
| Risk of falls or slips | Cleaning a floor containing clay dust may render it extremely slippery. Dry cleaning is recommended if persons are required to continue working on the site. |

7. HANDLING AND STORAGE

| | |
|----------|--|
| Handling | Provide appropriate ventilation where dust forms. If lack of ventilation, wear suitable breathing equipment. |
| Storage | For proper storage, containers should be kept in a cool (below 20°C/68°F), dry place with liners tightly sealed. |

8. EXPOSURE CONTROL/PERSONAL PROTECTION

| | |
|--|---|
| Exposure value limits | Respect the regulatory provisions for dust and crystalline silica (see table below). |
| Eyes | Safety glasses should be worn. |
| Skin/Body | Gloves should be worn. |
| Respiratory | In the event of exposure to dust beyond regulatory limits and even general during any type of handling, wear a breathing mask in accordance with national law. |
| Ventilation | Provide appropriate ventilation and filters in places where dust may be generated. |
| Other | Use slip-proof mats or footwear in areas of work. |
| Work/Hygiene practices | Normal work and hygiene practices. |
| Training | Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required by applicable regulations. |
| Social dialogue on respirable crystalline silica | Depending on the type of use (grinding, drying), airborne respirable crystalline silica (quartz cristobalite) may be generated. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly known as silicosis. |

| EXPOSURE LIMIT VALUES | EXPOSURE LIMITS | VALUE TYPE |
|--|--|------------|
| COMPONENTS: ILLITE, MONTMORILLONITE | 10 mg/m ³ (INHALABLE FRACTION) | VME – 8h |
| CRYSTALLINE SILICA | 0.025 mg/m ³ (INHALABLE FRACTION) | VME – 8h |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------|---------------------|
| PHYSICAL STATE | POWDER |
| COLOUR | GREEN/GREY |
| ODOUR | ODOURLESS |
| SiO ₂ | 40.6% |
| CaO | 4.9% |
| MgO | 3.7% |
| Na ₂ O | 3.5% |
| pH | 5.5-7.5 NEUTRAL |
| Density | 90 LBS. PER CU. FT. |
| Flash point | Not explosive |
| Solubility in water | Insoluble |

10. STABILITY AND REACTIVITY

| | |
|------------|-------------------------------|
| Stability | Chemically stable |
| Reactivity | No particular incompatibility |

11. TOXICOLOGICAL

| | |
|---------|----------------------------------|
| General | No information - natural product |
|---------|----------------------------------|

12. ECOLOGICAL INFORMATION

| | |
|-------------------------------|---|
| Ecotoxicity | No known ecological hazards are associated with this product. |
| Persistence and Degradability | Stable and non-degradable product |
| Other adverse effects | None |
| Marine pollutant | None |

13. DISPOSAL CONSIDERATIONS

| | |
|--------------------------|---|
| Residual/unused products | Can be buried in accordance with local regulations. The material must be buried to prevent emission of breathable dust. If possible, recycling is preferred to storing. |
| Packaging | No particular requirement. Dust during packaging must be avoided and suitable protection must be provided to workers. |

14. TRANSPORTATION INFORMATION

| | |
|---------------------|---|
| General | No precautions required by the regulations of transporting dangerous goods. Avoid spreading dust. |
| Dot classification | not classified |
| IATA classification | not classified |
| IMDG | not classified |

15. REGULATORY INFORMATION

| | |
|--|--|
| Safety, Health and Environmental Regulations | Canadian Environmental Protection Act (CEPA): all components of this product are on the Canadian DSL. Toxic Substance Control Act (TSCA): All components of this product are listed on the TSCA inventory or exempt from notification requirements. |
|--|--|

16. ADDITIONAL INFORMATION

Prepared by: Glacial Bay Organic Clay Inc.
Date of Latest Revision – January 12, 2023

Disclaimer

This information is provided for documentation purposes only. This product is not considered hazardous, has no heavy metals or pesticides, and is pathogen free.

The complete range of conditions and methods of use are beyond our control. Therefore, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate. However, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Compliance with all local, provincial, state and federal regulations remains the responsibility of the user.

This safety data sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.



GLACIAL BAY
ORGANIC CLAY INC.