



# Safety Data Sheet

## Sea Clay

Complies with 29 CFR 1910.1200

### Section 1: Company and Product Identification

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**Product Name:** Sea Clay

**INCI Name:** Kaolinite

**Material Uses:** Active ingredient in cosmetic and personal care applications.

**Restrictions on Use:** Repackaged for cosmetic use only

**Company:** Lotioncrafter LLC  
48 Hope Ln  
Eastsound, WA 98245  
PH: 1-360-376-8008

**Emergency Response:** In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands                      CALL +1 800-424-9300  
In case of difficulties or for ships at sea                      CALL +1 703-527-3887  
In Europe, Middle East, Africa, Asia Pacific, South America      CALL +1 703-527-3887

### Section 2: Hazards Identification

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**Hazard Pictograms:**

**Signal Word:** Warning

**Hazard Classification:** Eye Damage/Irritation - Category 2  
Skin Corrosion/Irritation - Category 2  
Specific Target Organ Toxicity - Category 3 - Respiratory  
Specific Target Organ Toxicity - Category 1 - Respiratory  
Carcinogenicity - Category 1a

**Hazard Statements:** H373: May cause damage to lung through prolonged or repeated

**Precautionary Statements:** P260: Do not breathe dust.  
P285: In case of inadequate ventilation, wear respiratory protection  
P501: Dispose of contents/containers in accordance with local

**Other Hazards:** None



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### Section 3: Composition / Information on Ingredients

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Name	CAS#	Weight %
Chlorite (naturally occurring)	1318-59-8	60 - 100%
Biotite (naturally occurring)	1302-27-8	1 - 5%
Hornblende (naturally occurring)	12178-42-6	1 - 5%
Quartz - Crystalline Silica	14808-60-7	0.1 - 2%
Water	7732-18-5	1 - 20%

**Additional Information:** For full text of H-statements and R-phrases: see SECTION 16

### Section 4: First Aid Measures

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**If ingested:** DO NOT induce vomiting. If swallowed, drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

**If inhaled:** If adverse effects occur, get immediate medical attention. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin contact:** Wash immediately with soap and water. Get medical attention if irritation develops or persists.

### Section 5: Fire Fighting Measures

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**General Info:** Flash Point: Not applicable. This product is not flammable.

**Extinguishing Method /**

**Equipment:** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

**Hazardous Decomposition Info:** None known



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### Section 6: Accidental Release Measures

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**Personal precautions, protective**

**equipment and procedures:** Keep unnecessary people away, isolate hazard area and deny entry. Wet material can be slippery. For personal protective clothing and equipment, see Section 8.

**Environmental Precautions:** Avoid release to the environment.

**Containment Equipment and**

**Procedures:** Collect spilled material in appropriate container for reuse or disposal.

**Cleanup Procedures:** Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

### Section 7: Handling and Storage

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**Safe Handling Precautions:** Avoid dust generation and accumulations. Do not use in poorly ventilated or confined spaces. Do not taste or swallow. Avoid inhalation or contact. Wash thoroughly after handling.

**Recommendations for Storage:** Avoid temperatures above 40°C (104°F). Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

**Specific End Use(s):** Active ingredient in cosmetic and personal care applications.

### Section 8: Exposure Control / Personal Protection

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**Control Parameters:** Chlorite: OSHA PEL: 15 mg/m<sup>3</sup> (Dust) 5 mg/m<sup>3</sup> (Respirable Fraction); ACGIH TLV: 2mg/m<sup>3</sup> (Respirable Fraction).

Biotite: OSHA PEL 15 mg/m<sup>3</sup> (Total Dust); ACGIH TLV: 15 mg/m<sup>3</sup> (Total Dust).

Horneblende: OSHA PEL: 15 mg/m<sup>3</sup> (Total Dust); ACGIH TLV: 15 mg/m<sup>3</sup> (Total Dust).

Quartz: (Respirable Fraction: <1%): OSHA PEL: 0.1 mg/m<sup>3</sup> (Respirable Fraction); ACGIH TLV: 0.025 mg/m<sup>3</sup> (Respirable Fraction).

*\*All PEL and TLV are reported as 8-hour time weighted average (TWA).*

**General / Engineering**

**Controls:** General mechanical ventilation is acceptable.

**Eye/face protection:** Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

**Hand Protection:** Protective gloves.

**Body Protection:** Personal protective clothing.

**Respiratory Protection:** If ventilation is insufficient, a NIOSH or MSHA approved mask.

**Thermal Hazards:** None required under normal conditions of use

**Other:** Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.



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### Section 9: Physical and Chemical Properties

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**Physical State:** Solid

**Appearance:** Powder to lump

**Color:** Light to dark gray

**Odor:** Characteristic, earthy

**Odor Threshold:** Not applicable

**pH:** 4 - 6 (in aqueous solution)

**Melting Point:** > 1200 °C

**Freezing Point:** Not determined

**Boiling Point:** Not applicable

**Flash Point (COC):** Not applicable

**Auto-ignition Temperature:** Not available

**Decomposition Temperature:** Not available

**Evaporation Rate:** Not applicable

**Vapor Pressure:** Not determined

**Explosive Limits:** Not applicable

**Vapor Density:** Not determined

**Specific Gravity:** -2.66 g/cc

**Water Solubility:** None

**Viscosity (cP):** Not determined

**Explosion Properties:** None

**Oxidizing Properties:** None

**Partition coefficient:** Not available

**Other information:** None available

### Section 10: Stability and Reactivity

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**Reactivity:** Not reactive under normal conditions of use.

**Chemical Stability:** No known hazardous reactions.

#### Possibility of Hazardous

**Reactions:** Will not oxidize or polymerize.

**Conditions to Avoid:** None known.

**Incompatible Materials:** None known.

#### Hazardous Decomposition

**Products:** When exposed to high temperatures, free quartz can change crystal structure to form tridymite (above 870 °C) or cristobalite (above 1470 °C), which have greater health hazards than quartz. (Tridymite and cristobalite (TWA-TLV) = 0.25 mg/m<sup>3</sup>.)



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### Section 11: Toxicological Information

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**Primary Route of Exposure:** Skin, Eye Contact, Inhalation and Ingestion.

**Acute Health Hazards:** Eye contact may cause mechanical irritation.  
Skin contact may aggravate existing dermatitis.  
Inhalation from prolonged and continuous exposure to excessive quantities of dust may aggravate asthmatic or respiratory conditions.

**Acute and Chronic Toxicity:** May cause eye irritation, skin irritation, respiratory tract irritation, and gastrointestinal tract irritation. May cause damage to respiratory tract through prolonged or repeated exposure.

**Component Analysis:** Biotite (1302-27-8) LD50: Not available; LC50: Not available. Hornblende (12178-42-6) LD50: Not available; LC50: Not available. Quartz-Crystalline Silica (14808-60-7) Oral LD50 Rat: >90 mL/kg; Water (7732-18-5): Oral LD50 Rat: >90 mL/kg.

**Irritation/Corrosion:** May cause eye irritation, skin irritation, respiratory tract irritation, and gastrointestinal tract irritation.

**Respiratory Sensitizer:** No test data available.

**Dermal Sensitizer:** No test data available.

**Carcinogenicity:** Quartz ACGIH: A2 - Suspected Human Carcinogen.  
IARX: Group 1 - Carcinogenic to humans.

**Mutagenic Data:** No information available.

**Reproductive Toxicity:** No information available.

**STOT-SE:** Target organs include ears, skin, respiratory system, and gastrointestinal tract.

**STOT-RE:** Causes damage to eyes, skin, respiratory system, and gastrointestinal tract through prolonged or repeated exposure.

**Aspiration Hazard:** No data available.

#### Medical Conditions Aggravated

**by Exposure:** Individuals with pre-existing eye disorders, skin disorders, respiratory disorders and/or gastrointestinal disorders may have increased.

### Section 12: Ecological Information

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**Ecotoxicity:** No information available for the product.

**Component Analysis:** Aquatic Toxicity: No LOLI ecotoxicity data are available for this product's components. No information available for the product.

**Bioaccumulation:** No information available for the product.

**Bioconcentration:** This material is not believed to bioconcentrate.

**Biodegradation:** This product is made from a naturally occurring, abundant, innocuous mineral.

**Persistence:** This product is made from a naturally occurring, abundant, innocuous mineral.



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**Mobility in Soil:** This product is insoluble in water.

**Results of PBT and vPvB**

**Assessment:** Not relevant.

**Other Toxicity:** May affect turbidity if discharged into large quantities to lakes, streams or sewers.

### Section 13: Disposal Information

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**Product disposal:** Dispose of product in accordance with local, regional, and national regulations. (Non-Hazardous).

**Container disposal:** Dispose of container in accordance with licensed collector's sorting instructions.

**Other considerations:** No further information.

### Section 14: Transport Information

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	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
<b>UN Number:</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>UN Proper Shipping Name:</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>Transport Hazard Class(es):</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Packing Group:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Environmental Hazards:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Special Precautions for User:</b>	None	None	None	None
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable	Not applicable	Not applicable	Not applicable



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### Section 15: Regulatory Information

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**SARA 302:** Not regulated.

<b>SARA 311/312:</b>	Immediate	Delayed	Fire	Pressure	Reactivity
	Yes	Yes	No	No	No

**SARA 313:** Not regulated.

**CERCLA:** Clay is not a CERCLA listed hazardous substance.

**California Prop 65:** This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**New Jersey RtK:** Substance number: 4016.

**PA Substances List:** Regulated under PA Code Chapter 323.

**TSCA (USA):** Listed

**DSL (Canada):** Listed

**NDSL (Canada):** Not listed

**PICCS (Philippines):** Listed

**KECL (Korea):** Listed

**ENCS (MITI) (Japan):** Listed

**AICS (Australia):** Listed

**IECSC (China):** Listed

**EINECS (Europe):** Listed

**REACH Status:** Exempt (Annex v.7): Product is a naturally occurring mineral.



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### Section 16: Other Information

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**Indication of Changes:** Version 1 created February 23, 2021

**List of Relevant R-phrases**

(number and full text): Not applicable

**Legal Disclaimer:** Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

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