



Safety Data Sheet

Issue Date: November 11, 2018

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name: White Kaolin Clay
INCI Name: Hydrous Kaolin, China Clay, Hydrous Aluminum Silicate

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Mineral pigment or Filler used primarily in Paper and Paper Coatings Applications

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier: Voyageur Soap and Candle Co LTD
Unit 14 – 19257 Enterprise Way Surrey, BC V3S 6J8
Website: www.voyageursoapandcandle.com
Telephone: 1 (800) 758 – 7773

1.4 Emergency Telephone Number:

24-Hour Emergency: 1 (800) 424 – 9300 CHEMTREC

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The substance is not classified as hazardous according to Globally Harmonized System (GHS)

Hazard-determining components of labeling: None

2.2 Label Elements:

Hazard pictograms: None
Signal Word: None
Hazard Statement: None
Precautionary Statement: None

2.3 Other Hazards: None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Identification	Name	Classification according to Regulation (EC) No. 1272/2008 (CLP)	Weight %
CAS number: 1332-58-7 EC number: 310-194-1	Kaolin	Not Classified	96 - 99
CAS number: 7732-18-5 EC number: 231-791-2	Water	Not Classified	1 - 4

Additional information: This product could contain trace levels of crystalline silica at levels below 0.1%. Care is recommended when handling to avoid dust generation.

Kaolin is a naturally occurring material and is exempted from REACH registration under Annex V. Because this product is not classified as hazardous and does not contain ingredients present at levels which require an SDS to be provided, it is also exempt from the requirement to provide disclosure of CAS number, EC number etc., since this document is being provided as a professional courtesy only.

For full text of H and EUH statements: see SECTION 16

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact: If symptoms develop or persist, seek medical attention. Rinse/flush exposed eye(s) gently using water for 15-20 minutes.

Skin Contact: Rinse affected area with soap and water. If symptoms develop or persist, seek medical attention.

Inhalation: Maintain an unobstructed airway. Loosen clothing as necessary and position individual in a comfortable position.

Ingestion: Rinse mouth thoroughly. Seek medical attention if irritation, discomfort, or vomiting persists.

4.2 Most important symptoms and effects, both acute and delayed:

Acute symptoms and effects:

Irritation

Delayed symptoms and effects:

Drying of skin

4.3 Indication of any immediate medical attention and special treatment needed:

Not determined or not available

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

5.2 Special Hazards Arising from the Substance or Mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for Fire-Fighters

Personal protection equipment:

Wear protective eye wear, gloves and clothing. Refer to Section 8. Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

Special precautions:

Avoid inhaling gases, fumes, dust, mist, vapor and aerosols. Avoid contact with skin, eyes and clothing. Product can create a slip hazard when exposed to water. Use caution around broken bags when these areas have been exposed to water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Ensure adequate ventilation. Ensure air handling systems are operational. Wear protective eye wear, gloves, and clothing.

6.2 Environmental Precautions:

Should not be released into the environment. Prevent from reaching drains, sewer or waterway.

6.3 Methods and Material for Containment and Cleaning Up:

Wear protective eye wear, gloves and clothing. Collect mechanically or by flushing with water and collecting material. Avoid dry sweeping. Use water spray or ventilated vacuum system to prevent dust formation.

6.4 Reference to Other Sections:

Not determined or not applicable.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid dust formation. Use only with adequate ventilation. Handle packages carefully to prevent accidental bursting. Avoid contact with skin and eyes.

7.2 Conditions for Safe Storage, Including any Incompatibilities:

Store in a cool, well-ventilated area. Protect containers from physical damage. Keep containers tightly sealed.

7.3 Specific end use(s):

Not determined or not applicable

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Country (Legal Basis)	Substance	Identified	Permissible concentration
Bulgaria	Kaolin	1332-58-7	TWA: 6.0 mg/m ³ (inhalable fraction)
Bulgaria	Kaolin	1332-58-7	TWA: 3.0 mg/m ³ (respirable fraction)
Croatia	Kaolin	1332-58-7	Maximum (8 hr) allowable concentration: 2mg/m ³ (respirable dust)
Czech Republic	Kaolin	1332-58-7	8-hour TWA: 5.0 mg/m ³
Estonia	Kaolin	1332-58-7	8-hour TWA: 10 mg/m ³ (total dust)
Estonia	Kaolin	1332-58-7	8-hour TWA: 5mg/m ³ (fine dust)

Hungary	Kaolin	1332-58-7	8-hour TWA (AK Value): 10 mg/m ³ (total, inhalable)
Hungary	Kaolin	1332-58-7	8-hour TWA (AK Value): 5 mg/m ³ (Respirable)
Latvia	Kaolin	1332-58-7	8-hour TWA: 2 mg/m ³
Lithuania	Kaolin	1332-58-7	8-hour TWA: 10 mg/m ³ (inhalable fraction)
Lithuania	Kaolin	1332-58-7	8-hour TWA: 5 mg/m ³ (respirable fraction)
Poland	Kaolin	1332-58-7	8-hour TWA: 6 mg/m ³
Romania	Kaolin	1332-58-7	8-hour TWA: 2 mg/m ³ (Inhalable fraction)
Slovakia	Kaolin	1332-58-7	8-hour TWA (NPEL): 2 mg/m ³
Belgium	Kaolin	1332-58-7	8-hour TWA: 2 mg/m ³ (respirable fraction)
Belgium	Kaolin	1332-58-7	8-hour TWA: 10 mg/m ³ (inhalable fraction)
Denmark	Kaolin	1332-58-7	TWA: 2 mg/m ³
Finland	Kaolin	1332-58-7	8-hour limit: 2 mg/m ³
France	Kaolin	1332-58-7	Time weighted average (VME): 10 mg/m ³
Germany	Kaolin	1332-58-7	AGW Limit value: 1.25 mg/m ³ (respirable fraction)
Germany	Kaolin	1332-58-7	AGW limit value: 10 mg/m ³ (inhalable fraction)
Ireland	Kaolin	1332-58-7	8-hour OEL (TWA): 2.0 mg/m ³ (respirable dust)
Italy	Kaolin	1332-58-7	8-hour TWA: 2 mg/m ³ (respirable fraction)
Portugal	Kaolin	1332-58-7	8-hour exposure limit: 2 mg/m ³
Spain	Kaolin	1332-58-7	8-hour daily exposure limit (VLA_ED): 2 mg/m ³
Sweden	Kaolin	1332-58-7	Level Limit Value (NGV): 5 mg/m ³ (respirable dust)
Sweden	Kaolin	1332-58-7	Level Limit Value (NGV): 10 mg/m ³ (inhalable dust)
United Kingdom	Kaolin	1332-58-7	TWA: 2 mg/m ³ (respirable dust)

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Derived No Effect Level (DNEL):

Not determined or not applicable.

Predicted No Effect Concentration (PNEC):

Not determined or not applicable

Information on monitoring procedures:

Not determined or not applicable

8.2 Exposure Controls:

8.2.1 Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or

other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Safety goggles or glasses, or appropriate eye protection.

Skin and body protection: Select glove material impermeable and resistant to the substance. For continuous contact, we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified. Glove thickness should be typically greater than 0.35mm depending on the glove make and model. Always seek advice from glove suppliers.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. Use a European Standard EN149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Comply with the European Standard EN 149.

General hygienic measures: Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing.

Environmental exposure controls: Select controls based on a risk assessment of local conditions. See section 6 for information on accidental release measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	White Powder
Odor	Odorless
Odor threshold	Not Relevant
pH	5.0 – 9.0, 20% water suspension
Melting point/freezing point	> 1,700 °C
Initial boiling point/range	Not determined or not available
Flash point (closed cup)	Not Flammable
Evaporation rate	Not determined or not available
Flammability (solid, gas)	Not determined or not available
Upper flammability/explosive limit	Dust is not explosive
Lower flammability/explosive limit	Dust is not explosive
Vapor pressure	Not determined or not available
Vapor density	No Vapor
Density	Not determined or not available
Relative density	2.6 g/cm ³
Solubilities	Insoluble in water; soluble in strong acid
Partition coefficient (n-octanol/water)	Not determined or not available
Auto/Self-ignition temperature	Not determined or not available
Decomposition temperature	Not determined or not available
Dynamic viscosity	Not determined or not available
Kinematic viscosity	Not determined or not available
Explosive properties	Not determined or not available
Oxidizing properties	Not determined or not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Does not react under normal conditions of use and storage.

10.2 Chemical stability:

The product is stable under normal conditions of use.

10.3 Possibility of hazardous reactions:

Nonreactive under normal conditions.

10.4 Conditions to avoid:

*Dust is not explosive. However, when used around explosive materials, bags should be grounded to prevent any static discharge.

10.5 Incompatible materials:

None known

10.6 Hazardous decomposition products:

Does not decompose.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Respiratory or skin sensitization

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

International Agency for Research on Cancer (IARC): None of the ingredients are listed

National Toxicology Program (NTP): None of the ingredients are listed.

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Information on likely routes of exposure:

No data available

Symptoms related to the physical, chemical, and toxicological characteristics:

No data available

Other information:

No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available

Substance data: No data available

Chronic (long-term) toxicity

Product data: No data available

Substance data: No data available

12.2 Persistence and degradability

Product data: No data available

Substance data: No data available

12.3 Bioaccumulative potential

Product data: No data available

Substance data: No data available

12.4 Mobility in soil

Product data: No data available

Substance data: No data available

12.5 Results of PBT and vPvB assessment

PBT assessment: This product does not contain any substances that are assessed to be a PBT

vPvB assessment: This product does not contain any substances that are assessed to be vPvB

12.6 Other adverse effects: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Relevant information:

Consult with an EU Directive 2008/98/EC for the classification of hazardous waste prior to disposal. Furthermore, consult with your regional, national, or European waste requirements or guidelines, if applicable, to ensure compliance. Final decisions on the appropriate waste management method, in line with regional, national, and European legislation, remains the responsibility of the waste treatment operator.

SECTION 14: TRANSPORT INFORMATION

International Carriage of Dangerous Goods by Road/Rail (ADR/RID)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Carriage of Dangerous Goods by Inland Waterways (ADN)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Bulk Name None
Ship type None
Pollution category None

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.****European regulations****Inventory listing (EINECS):**

1332-58-7	Kaolin	Listed
7732-18-5	Water	Listed

REACH SVHC candidate list: Not determined**REACH SVHC Authorizations:** Not determined**REACH Restriction:** Not determined**Water hazard class (WGK) (Product):** Non-hazardous to water**Water hazard class (WGK) (Substance):**

Ingredient Name	CAS	Class
Kaolin	1332-58-7	Non-hazardous to water

Other regulations**Germany MAK:** 8-hour TWA: 0.3 mg/m³**15.2 Chemical Safety Assessment**

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION**Issue Date:** 11/11/2018**Disclaimer:**

The information provided in this Material Safety Data Sheet is based on current available data and knowledge and is believed to be accurate and given in good faith. Voyageur Soap & Candle Co. LTD and its subsidiaries however assume no liability and make no warranty, either expressed or implied, pertaining to the accuracy and completeness of the information contained herein including in regards to fitness and merchantability. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and therefore should not be construed as guaranteeing any specific property. The information herein relates only to the specific designated material and may not be valid for such material used in combination with any other materials, or in any process not specified in the text. Users should therefore consider this data only as a supplement to other information available from all other sources, and should incorporate this information into programs for the proper use and disposal of their materials and the health and safety of employees and customers.

End of Safety Data Sheet