

## Kaolin, USP

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 25-Oct-2024  
Supersedes: 02-Feb-2021

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Kaolin, USP	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Kaolin	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	1332-58-7	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Solid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified.												
<b>GHS Labeling:</b>	Not a dangerous substance according to GHS.												
<b>GHS Hazard Pictograms:</b>	None.												
<b>GHS Hazard Statements:</b>	None.												
<b>GHS Precautionary Statements:</b>	(Prevention) Observe good industrial hygiene practices. (Response) If exposed or concerned, get medical advice/attention. (Storage) Store away from incompatible materials. (Disposal) Dispose of waste and residues in accordance with local authority requirements.												
<b>Potential Health Hazards:</b>	Eyes: May be an irritant. Inhalation: May be an irritant. Skin: May be an irritant. Ingestion: May cause nausea, vomiting, and diarrhea.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td>Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	0	Minimal	Reactivity	0	Minimal	Specific Hazard	N/A	
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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Kaolin	1332-58-7	100%	Not Available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Direct contact may cause temporary irritation. Rinse with water. Get medical attention if irritation develops and persists.
<b>Inhalation:</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin:</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Ingestion:</b>	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Get medical attention if symptoms occur.
<b>Physician Notes:</b>	Treat symptomatically. Ensure that all medical personnel are aware of the materials involved, and take precautions to protect themselves.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable)</b>	May be combustible at high temperatures. Use appropriate media (water fog, foam, dry
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<b>extinguishing media:</b>	chemical powder, carbon dioxide (CO <sub>2</sub> ) for surrounding environment and adjacent fire. Do not use a water jet as an extinguisher, as it will spread the fire.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Move containers from fire area if you can do so without risk.
<b>Flash Points:</b>	No data available.
<b>Specific hazards arising from the chemical:</b>	During fire, gases hazardous to health may be formed. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	This product is immiscible with water and will spread on the water surface. Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Dispose of absorbed material in accordance with the regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Observe good industrial hygiene practices. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store in tightly closed container. Store away from incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Kaolin (1332-58-7)	2 mg/m <sup>3</sup> (respirable fraction)	TWA	ACGIH
	5 mg/m <sup>3</sup> (respirable)	TWA	NIOSH
	10 mg/m <sup>3</sup> (total)	TWA	NIOSH

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
 IDLH: Immediately Dangerous to Life or Health  
 WEEL: Workplace Environmental Exposure Levels  
 CEIL: Ceiling

### Personal Protection:

<b>Eyes:</b>	Wear safety glasses with side protection shields or goggles.
<b>Inhalation:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Body:</b>	Wear appropriate chemical resistant gloves and suitable protective clothing, and thermal protective clothing when necessary.
<b>Other:</b>	Use good personal hygiene practices. Use good ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits aren't established, maintain airborne levels to an acceptable level. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Solid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	No data available	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	258.16 g/mol	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	4.5-6.5 (untreated kaolin slurries)	<b>Flash Point:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	.012

<b>Melting/Freezing Point:</b>	No data available	<b>Water Solubility:</b>	Insoluble
<b>Density:</b>	1.00 lbs/gal 0.12 g/ml	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	Not explosive
<b>Oxidizing Properties:</b>	Not oxidizing	<b>Heat of Combustion (NFPA 30B):</b>	0 kJ/g

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	The product is stable and non-reactive under normal conditions of use, storage, and transport.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	Contact with incompatible materials.
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	No hazardous decomposition products are known.
<b>Possible Hazardous Reactions:</b>	No dangerous reaction known under conditions of normal use.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available.
<b>Skin:</b>	(Rat) Dermal, LD50: >5000 mg/kg.
<b>Eyes:</b>	Direct contact with eyes may cause temporary irritation.
<b>Inhalation:</b>	Knowledge about health hazard is incomplete.
<b>Ingestion:</b>	Expected to be a low ingestion hazard. (Rat) Oral, LD50: >5000 mg/kg.
<b>Carcinogenicity:</b>	Not listed under IARC, OSHA, or NTP.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	No data available.
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	No data available.
<b>Reproductive Toxicity:</b>	No data available.
<b>Sensitization:</b>	No data available.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	This 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.
<b>Aquatic Vertebrate:</b>	No data available.
<b>Aquatic Invertebrate:</b>	No data available.
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	No data available.
<b>Other Adverse Effects:</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	This material and its container must be disposed of in a safe way. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
<b>Product Containers:</b>	Empty containers or liners may retain some product residues. Follow label warnings even after container is

emptied. This material and its container must be disposed of in a safe way. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated as dangerous goods.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available.
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated as dangerous goods.
<b>IATA (International Air Transport Association):</b>	Not regulated as dangerous goods.
<b>ICAO (International Civil Aviation Organization):</b>	No data available.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Listed. Not regulated under TSCA Section 12(b) export notification (40 CFR 707, Subpt. D).
<b>CERCLA:</b>	Not listed under hazardous substance list (40 CFR 302.4).
<b>SARA 304:</b>	Not regulated under emergency release notification.
<b>SARA 302:</b>	Not listed under extremely hazardous substance.
<b>SARA 311/312:</b>	No hazardous chemicals.
<b>SARA 313:</b>	Not regulated under TRI reporting.
<b>OSHA:</b>	Not listed under specifically regulated substances (29 CFR 1910.1001-1053).
<b>Clean Air Act (CAA):</b>	Not regulated under section 112 Hazardous Air Pollutants (HAPs) List or Section 112(r) Accidental Release Prevention (40 CFR 68.130).
<b>Safe Drinking Water Act:</b>	Not regulated under SDWA.
<b>California Prop. 65:</b>	This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
<b>Canada (DSL):</b>	Listed.
<b>Canada (NDSL):</b>	Not listed.
<b>EU (EINECS):</b>	Listed.
<b>EU (ELINCS):</b>	Not listed.
<b>China (IECSC):</b>	Listed.
<b>Australia (AICS):</b>	Listed.
<b>Japan (ENCS):</b>	Not listed.
<b>Philippines (PICCS):</b>	Listed.
<b>Korea (ECL):</b>	Listed.
<b>Taiwan (TCSI):</b>	Listed.
<b>New Zealand (NZIoC):</b>	Listed.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	25-Oct-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.