

1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier:		
Substance name:		
Biological Definition	Product Name: Green Clay	
INCI Name	Kaolin	
Synonyms & Trade Names		
EC NO: 310-194-1	CAS NO: 1332-58-7	EINECS CAS Number:
Index No:	Reach Registration No:	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Product Use: SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU10] Formulation [mixing] of preparations and/or re-packaging (excluding alloys); [PC39] Cosmetics, personal care. For use in the Cosmetics and Personal Care Industry.		
Uses advised against:		
1.3 Details of the supplier of the safety data sheet		
Company	Penny Price Aromatherapy Ltd	
	Unit D3 Radius Court	
	Maple Drive	
	Hinckley	
	Leicestershire LE10 3BE	
Email	info@penny-price.com	
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. <u>Or call NHS 111 or NHS 999</u>	
2. Hazards Identification		
2.1 Classification of the substance or mixture		
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Classification: 67/548/EEC Not classed as a hazardous substance.	
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:		
Not a hazardous substance or mixture.		
<u>Additional Labelling</u>		
The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 9,1 %		
Signal Word. None		
Hazard statements.		
Not classed as a hazardous substance.		
Precautionary statements.		
Not classed as a hazardous substance.		
Supplementary Precautionary Statements:		
Not classed as a hazardous substance.		
2.3 Other hazards – Results of PBT and vPvB According to Annex XIII		
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher		
Adverse Physio-chemical Properties		

Adverse Effects on Human Health

3. 1 Composition / information on ingredients:

Substance name	Index number under CLP Annex VI			Weight % content (or range)	CL, M-Factor, ATE
	CAS No.	EC No.	REACH Reg No.		
Kaolin	1332-58-7	310-194-1		100%	

4. First Aid Measures

4.1 General	Immediately remove any clothing soiled by the product.
Inhalation	Avoid proactive inhalation. If inhaled, move to fresh air and call a doctor symptoms persist.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists seek medical advice / attention.
Skin contact	Wash off with soap and water. Do NOT use solvents or thinners.
Ingestion	Rinse mouth with water and drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.

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

No additional data.

4.3 Indication of any immediate medical attention and special treatment need

Treat symptomatically

5. Firefighting Measures

5.1 Extinguishing Media:

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media:	Do not use solid water stream: Scattering may spread the fire.

5.2 Special hazards arising from the substances or mixture:

Hazardous combustion products:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Do not use a solid water stream as it may scatter and spread fire. Hazardous combustion products: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Metal oxides
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5.3 Advice for firefighters

	Exposure to decomposition products may be a hazard to health. In the event of fire, wear self-contained breathing apparatus. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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	Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.
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6 Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures:

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Contaminated surfaces will be extremely slippery. Treat recovered material as described in the section "Disposal considerations"

6.1.1 For non-emergency personnel

Protective equipment: No Data available

Emergency procedures: No Data available

6.1.2 For Emergency responders No Data available

6.2 Environmental precautions Should not be released into the environment. Do not allow contact with soil, surface or ground water. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

6.3 Methods for cleaning up – 6.3.1 For containment: Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Avoid dust formation.

6.3.2 For cleaning up:

6.3.3. Other information: No Data available

6.4 Reference to other sections See sections 8 and 13 for additional information.

7. Handling and storage

7.1 Precautions for safe handling: Provide for appropriate exhaust ventilation and dust collection at machinery. The material can accumulate static charge and can therefore cause electrical ignition. Minimize dust generation and accumulation. Dust must be collected and disposed of carefully. Wear personal protective equipment. Do not breathe vapours/dust.

Protective measures:

Measures to prevent fire: Take measures to prevent the build up of electrostatic charge. During processing, dust may form explosive mixture in air. Keep away from heat and sources of ignition. Normal measures for preventive fire protection.

Measures to prevent aerosol and dust generation: No Data available

Measures to protect the environment: No Data available

Advice on general occupational hygiene: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing.

	Keep away from food and drink. General industrial hygiene practice. When using do not eat, drink or smoke.
7.2 Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Keep away from direct sunlight. Keep away from food, drink and animal feeding stuffs.
Packaging Materials:	No Data available
Requirements for storage and vessels:	No Data available
Storage Class: Further information on storage containers:	No Data available
7.3 Specific end use(s).	For use in the Cosmetics and Personal Care Industry
Recommendations:	No Data available
Industrial sector specific solutions:	No Data available

8. Exposure controls/Personal protection: Use personal protective equipment as required. Slip proof shoes may be worn in event of spillages. Good personal hygiene practices are always advisable, especially when working with chemicals / oils.	
8.1 Control parameters	Contains no substances with occupational exposure limit values.
8.2 Exposure controls	Provide sufficient air exchange and/or exhaust in work rooms. Handle product only in closed system or provide appropriate exhaust ventilation at machinery. Apply measures to prevent dust explosions.
Engineering Measures	
8.2.2 Personal Protection equipment	
8.2.2.1 Eye / face protection	Wear protective glasses/goggles and face protection. Equipment should conform to EN 166
8.2.2.2 Skin Protection	Wear suitable protective clothing and protective gloves (EN 374)
Hand protection	Wear protective gloves
Other skin protection	N/A
8.2.2.3 Respiratory protection	Wear suitable dust mask (Filter type : Particulates type (P))
Ventilation	Not Applicable
8.2.2.4 Thermal hazards	Not Applicable
8.2.3 Environmental exposure controls	Avoid discharging into aquatic environments. See sections 2 & 7 for additional information.

9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Green
Appearance	Powder
Odour	Odourless
Melting Point / freezing point	1.300°C

Boiling point /Initial boiling point & boiling range	Not determined
Flammability (solid, gas)	Does not ignite. The product is not explosive, but it may form explosive dust
Lower and upper explosion limit	
Flash point °C	Not determined
Evaporation rate	Not determined
Auto- ignition temperature	
Decomposition temperature	
pH	Not determined
Viscosity	Not determined
Solubility in Water	Not determined
Solubility in other Solvents	
Partition coefficient	Not determined
Vapour Pressure	Not determined
Density and /or relative density	
Relative density	Not determined
Bulk density	Not determined
Particle characteristics	
Explosive Properties	Not determined
Oxidising Properties	Not determined
9.2 Other information	No additional data
Specific gravity	
Optical rotation	
Refractive index	Not determined
Typical analysis of major components	

10. Stability and reactivity

10.1 Reactivity	Generally stable. It presents no significant reactivity hazards, by itself or in contact with water.
10.2 Chemical Stability	Expected to remain stable under recommended storage conditions.
10.3 Possibility of hazardous reactions:	Finely dispersed particles may form explosive mixtures with air. Burning produces noxious and toxic fumes
10.4 Conditions to avoid:	Avoid heat and sources of ignition. Avoid dust formation. Avoid moisture.
10.5 Incompatible Materials:	No data available
10.6 Hazardous Decomposition Products	Under fire conditions the product will produce Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Metal oxides.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008

Information on Toxicological Effects

Acute toxicity:	No data available
Skin corrosion /irritation:	Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Seriously eye damage/irritation:	Dust contact with the eyes can lead to mechanical irritation
Respiratory or skin sensitisation:	May cause irritation of respiratory tract.
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Summary of evaluation of the CMR properties:	
STOT- single exposure,	
STOT-repeated exposure:	
Aspiration hazard:	
Further information	The product contains small amounts of quartz (SiO ₂) that may contain inhalable fine dust fractions. Fine dust of quartz can cause silicosis in case of long-term exposure

12. Ecological information	
12.1 Eco Toxicity	This product has no known ecotoxicological effects
12.2 Persistency & degradability	The methods for determining biodegradability are not applicable to inorganic substances.
12.3 Bio accumulative potential	Bioaccumulation is unlikely
12.4 Mobility in soil	The product is insoluble and sinks in water.
12.5 Results of PBT and vPvB Assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. This product should not be released into the environment.

13. Disposal considerations	
13.1 Waste treatment methods	
13.1.1. Product /Packaging disposal:	Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.
13.1.2 Waste treatment-relevant information:	Not available
13.1.3 Sewage disposal-relevant information:	Not available

13.1.4 Other disposal-relevant recommendations:	Not available
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14. Transport information

14.1 UN Number or ID number	Not applicable - Not regulated as a dangerous good
14.2 UN proper Shipping name	Not applicable - Not regulated as a dangerous good
14.3 Transport hazard class(es)	Not applicable - Not regulated as a dangerous good
14.4 Packing group	Not applicable - Not regulated as a dangerous good
14.5 Environmental hazards	Not applicable - Not regulated as a dangerous good
14.6 Special precautions for user	Not applicable - Not regulated as a dangerous good
14.7 Maritime transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable for product as supplied

15 Regulatory information

15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical Safety Assessment	No additional data
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16. Other information

(i) **Indication of Changes: Revised Safety Data Sheet Format:** From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021'.

(ii) **Abbreviations and acronyms:**

Hazard / Precautionary Statements in Full - Not applicable - Non hazardous substance/mixture

Additional Labelling

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 9,1 %

(iii) **Key Literature references and sources of date.**

(iv) **Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):**

Classification according to Regulation (EC) 1272/2008(CLP)	Classification procedure
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(v) Relevant H-statements (number and full text):	
(vi) Training advice:	
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.
QC requirements	
In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.	
Disclaimer:	
The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.	