



MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name		Yellow Ultra Ventilated Clay French			
Product Code		TSK-CLAY013			
Biological Definition		Clay mainly composed of Illite.			
INCI Name		Illite			
CAS	- 12173-60-3 1332-58-7 1318-93-0	EC	-	EINECS	-
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data					
1.3 Details of the supplier of the safety data sheet					
Supplies for Candles & The Soap Kitchen Ltd Unit E Swinton Bridge Industrial Estate, White Lea Road, Swinton South Yorkshire S64 8BH, UK Office Hours: Mon to Fri 08.00 to 16.00 customerservice@suppliesforcandles.co.uk TEL: 01709 257151					
1.4 Emergency Tel. No.		TEL: 01709 257151			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
No additional data	
Classification (EC 1272/2008)	
Not classified as hazardous	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	

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None	
Signal Word	None
Contains	No additional data
Hazard Statements	
None	
Precautionary Statements	
None	
Supplementary Statements	
None	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	No additional data
Adverse physio-chemical properties	No additional data
Adverse effects on human health	No additional data

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Composition
<u>No additional data</u>

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove to fresh air and remain in a position which is comfortable for breathing. If discomfort occurs/continues, seek medical attention.
Ingestion	Do NOT induce vomiting. If discomfort occurs/continues or if large quantities have been ingested, seek medical attention.
Skin Contact	Remove contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If discomfort occurs/continues, seek medical attention.
Eye Contact	Rinse eyes with clean water for a minimum of fifteen minutes. If safe to do so, remove to contact lenses and continue to rinse. If discomfort occurs/continues, seek medical attention.
4.2 Most important symptoms and effects, both acute and delayed	
An excessive production of dust may cause slight irritation of the eyes and respiratory tract. No delayed effects have been recorded.	
4.3 Indication of any immediate medical attention and special treatment needed	

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Treat symptomatically.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Carbon Dioxide, Foam, Dry Chemical Powder.

Do NOT use water.

5.2 Special hazards arising from the product

No additional data

5.3 Advice for firefighters

Wear self-contained respiratory equipment and appropriate protective clothing at all times.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid inhaling dust. In case of dust formation, wear an anti-dust mask - type FFP3

6.2 Environmental Precautions

Minimize environmental release.

6.3 Methods and material for containment and cleaning up.

Hoover the spilled material to avoid raising dust. Avoid allowing the product to moisten as it can become slippery.

6.4 Reference to other sections

Section 13

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Adhere to all good health, safety and hygiene practices. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment at all times. Do not eat, drink or smoke whilst handling this product. Reduce as much as possible dust formation and use adequate ventilation system. Remove soiled clothes and protective equipment before entering a catering area. Reduce as much as possible dust formation and use adequate ventilation system. If the ventilation system of the premises is not sufficient, wear a respiratory gear type FFP3. The product can be slippery when wet. The product is non-inflammable, no specific firefighting measure is recommended. Minimize environmental release, using filters for

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ventilation systems for example. Remove soiled clothes and protective equipment before getting into a catering area.

7.2 Conditions for safe storage, including any incompatibilities

Store In a cool, dry, well-ventilated area. Protect from freezing, heat and light including sunlight. Protect from all potential sources of ignition. Keep all containers tightly sealed when not in use. Do not allow dust formation.

7.3 Specific end use(s)

No additional data

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components	Exposure Limits		Type of Value	Source
Yellow Ultra Ventilated Clay French	10 mg/m ³ (Inhalable fraction)	5 mg/m ³ (Alveolar fraction)	VME – 8h	French ministry of Labour – Circular issued by the French Ministry of Labour on May 9th 1985.

Recommended Follow Up Procedures:

In order to monitor individual and environmental exposures, the recommended methods are described below:

- A decree issued on December 15th 2009 related to technical controls of occupational limit values at work and to certification standards of control agencies.
- Circular DGT N°2010-03 issued on April 13th 2010 related to chemical risk control measures at work

These standards are applied in France. If you are located in another European country or outside the EU, refer to the competent authorities.

8.2 Exposure controls

Protective Equipment



Process Conditions

Ensure that all protective equipment does not allow dust generation. Use closed processes. Avoid producing dust airborne. Opt for collective protective equipment in order to avoid creating dust: use

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	closed processes, a well-adapted exhaust ventilation or any other process that can keep airborne concentrations below the specified exposure limits.
Engineering Measures	Install sufficient ventilation across all areas. Ensure airborne concentrations below the specified exposure limits.
Respiratory Equipment	In the event of airborne contamination of ventilation failure ensure the use of suitable respiratory equipment/ protection. If the ventilation system of the premises is not sufficient, wear a respiratory gear type FFP3.
Hand Protection	Wear appropriate protective gloves at all times.
Eye Protection	Wear appropriate protective safety goggles at all times.
Other Protection	Use organizational measures can be taken such as isolating staff from dust areas for examples.
Hygiene Measures	Good hygiene practices are always recommended, especially when handling oils, chemicals or any other similar type of material.
Personal Protection	No additional data
Skin Protection	Wear appropriate protective clothing at all times to prevent any potential skin contact with this product.
Environmental Exposure Controls	No additional data

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Solid, Powder
Colour	Yellow
Odour	Without odour
Relative Density	No additional data
Flash Point (°C)	No additional data
Refractive Index	No additional data
Melting Point (°C)	No additional data
Boiling Point (°C)	No additional data
Vapour Pressure	No additional data

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Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No additional data
9.2 Other information	
No additional data	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Product is expected to remain stable and inert.	
10.2 Chemical stability	
Expected to remain stable under recommended storage conditions.	
10.3 Possible hazardous reactions	
No additional data	
10.4 Conditions to Avoid	
No additional data	
10.5 Incompatible materials	
No additional data	
10.6 Hazardous Decomposition Products	
No additional data	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects						
Acute Toxicity	TESTS	OCDE	RESULTS	SPECIES	DURATION OF THE STUDY	CLASSIFICATION
	ACUTE ORAL TOXICITY STUDY	423	LD50=5000mg/kg	Rat	3 hours	Category 5 or unclassified => non toxic
	ACUTE DERMAL TOXICITY	402	LD50>2000mg/kg	Rat	14 days of study	Category 5 => non toxic
	ACUTE INHALATION TOXICITY STUDY	403	LD50 between 2000 and 5000 mg/kg	Rat	Exposure: 4 hours during 14 observation days	Category 5 or unclassified =>non toxic
	ACUTE DERMAL	404	Not irritating	Rabbit	72 hours after releasing the	Unclassified => Non irritating

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	IRRITATION STUDY					
	ACUTE EYE IRRITATION	405	Not irritating	Rabbit	72 hours after instillation	Unclassified => Non irritating
	SKIN SENSITISATION STUDY	406	Negative	Guinea Pig	48 hours after releasing	Negative
	IN VITRO MAMMALIAN CHROMOSOME ABERRATION TEST	473	Do not provoke mammalian chromosome aberrations.	In vitro test	21 hours of exposure	Do not provoke mammalian chromosome aberrations.
Skin corrosion / irritation	No additional data					
Serious eye damage / irritation	No additional data					
Respiratory or skin sensitisation	No additional data					
Germ Cell Mutagenicity	Is not classified as hazardous. (No specific data). Natural product.					
Carcinogenicity	No additional data					
Reproductive toxicity	Is not classified as hazardous. (No specific data). Natural product.					
STOT-single exposure	Is not classified as hazardous. (No specific data). Natural product.					
STOT-repeated exposure	Is not classified as hazardous. (No specific data). Natural product.					
Aspiration hazard	Is not classified as hazardous. (No specific data). Natural product.					
Photo-toxicity	No additional data					
Other Information	No additional data					

12. ECOLOGICAL INFORMATION

12.1 Toxicity

TESTS	OCDE N°	RESULTS	SPECIES	MEDIUM	TESTING TIME	CLASSIFICATION
Acute Aquatic Toxicity Test	203.0	NOEC > 100mg/L ,CL50 > 100mg/L	Brachidanio rerio	Aquatic environment	96 Hours	Safe for the environment.
Algal Growth Inhibition Test	201.0	NOEC>100mg/L	Desmodesmus subspicatus	Aquatic environment	72 Hours	Safe for the environment.

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Acute Immobilisation Test	202.0	CE50>100 mg/L	Daphnia magna	Aquatic environment	48 Hours	Safe for the environment.
Oral Acute Toxicity Test (side effects)	213.0	CL50> 100µg/subject	Apis mellifera mellifera L. (Hymenoptera: apidae)	-	48 Hours	Safe for the environment.
Dermal Acute Toxicity Test (side effects)	214.0	CL50> 100µg/subject	Apis mellifera mellifera L. (Hymenoptera: apidae)	-	48 Hours	Safe for the environment.

12.2 Persistence & degradability

Stable and non-biodegradable product (inorganic product)

12.3 Bioaccumulation Potential

No additional data

12.4 Mobility in soil

No additional data

12.5 Results of PBT and vPvB Assessment

No additional data

12.6 Other adverse effects

No additional data

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Always dispose of this product in accordance with local and national regulations. Waste must be discharged in compliance with local, national regulations and with applicable European standards and guidelines. Waste can be landfilled in compliance with local regulations. Do not dispose of waste into the drains.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road	Not restricted
UN No. SEA	Not restricted

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UN No. AIR	Not restricted
14.2 UN proper shipping name	
	No additional data
14.3 Transport hazard class(es)	
	No additional data
14.4 Packing group	
	No additional data
14.5 Environmental hazards	
	No additional data
14.6 Special precautions for user	
	No additional data
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
	No additional data

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
	The substance is exempt in compliance with appendix V, chapter 7, of the Regulation (CE) n° 1907/2006 (REACH) – (substance that can be found in nature / chemically non-modified substance). The substance is not labelled in compliance with Regulation (CE) N° 1272/2008 and EU.
15.2 Chemical safety assessment	
	No additional data

16. OTHER INFORMATION

Hazard Statements in Full	None
Revision Date	31/01/2022
Rev No	2

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