

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/ UNDERTAKING

Product Name	Calender Wax		
Application	Ironing Smearing wax		
Supplier	Marcus Marketing		
Address	8 Balmoral Close Knutsford Cheshire United Kingdom		
Contact	Tel : +44 (0)1565 631423	Fax : +44 (0)1565 632423	

2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition : A preparation from Hydrogenated Vegetable oils

Hazardous Ingredients	Symbol	Risk Phrases	Other information
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This product does not contain ingredients classified as hazardous

3. HAZARDS IDENTIFICATION

No significant hazard from material in solid state. In molten state fumes may cause eye irritation if present in sufficiently high concentrations. Contact with molten material may cause skin burns.	
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4. FIRST AID MEASURES.

Eyes:	Contact with molten / solid product – Immediately cool with cold, clean, gently flowing water for at least 10 minutes, holding the eyelids apart if necessary. Obtain medical attention as required.
Skin:	As solid, wash thoroughly with soap and water or suitable skin cleanser after use. Hot contact – cool the affected area thoroughly under cold, clean running water. DO NOT remove adhering material, obtain medical advice.
Inhalation	Fumes – Remove from exposure. Keep warm and at rest. If there is difficulty breathing, give oxygen by face mask. If breathing stops or shows signs of failing use mouth to mouth resuscitation. If heart beat is absent give external cardiac massage. Call a doctor as required
Ingestion	Solid Product – Do not induce vomiting. Wash out mouth with water. If patient feels unwell, obtain medical attention.

5. FIRE FIGHTING EXTINGUISHING MEASURES	
Suitable Extinguishing Media:	Carbon Dioxide, dry powder, foam or water fog. DO NOT use water jets
Special Fire Fighting Equipment :	Water or foam may cause frothing. Use water to keep exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering waterways or drinking water supply.
Special Exposure Hazards :	May generate irritating fumes or toxic fumes when burning.
Special Protective Equipment	For fires in enclosed areas, fire fighters MUST use self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
Notification Procedures	Report spills as required to appropriate authorities such as the local Environmental Health Officer or Fire Brigade. If spills are likely to enter any drain, waterway or groundwater, contact the Area Water Authority. In case of accident or road spill, contact the Police and Fire Brigade and if appropriate the Area Water Authority.
Personal Precautions	Spilt product presents a slip hazard. Wear suitable protective clothing and footwear.
Environmental Precautions	Prevent entry into drains, sewers and water courses
Decontamination Procedures	If molten, contain and allow to solidify. Gather into containers. Dispose of as waste
7. HANDLING MEASURES	
No special precautions are necessary beyond good hygiene practices. See section 8 for additional personal protection advice when handling this product.	
Handling	Avoid over heating in use and use in well ventilated areas. Avoid splashing and take care when stirring or adding product to a reservoir. Do not allow molten product to come into contact with the skin or eyes
Storage	Store in a cool place away from direct sunlight and sources of heat. Keep containers closed. Solid wax should remain good for use for at least two years, if correctly stored in closed, airtight containers.

8. EXPOSURE CONTROL / PERSONAL PROTECTION			
Ventilation :	Use local exhaust ventilation over heating operations. Use in well ventilated areas.		
Respiratory Protection :	No special requirements under ordinary conditions of use and with adequate ventilation		
Skin Protection :	Gloves suitable for handling hot materials should be worn if there is any risk of contact with molten product. Good personal hygiene practices should always be followed. Protective clothing must be kept in good condition and worn at all times when handling hot material or equipment.		
Exposure Limits	8 hr TWA (mg/m ³)	<u>STEL</u> (mg/m ³)	<u>Source</u>
Wax (Fumes)	2	6	EH40/96
9. PHYSICAL AND CHEMICAL PROPERTIES			
<u>Physical State @ 25°C</u>	<u>Physical Form</u>	<u>Method</u>	
<u>Typical Properties</u>	Solid flakes		
Congealing Point	48 °C	ASTM D938	
Specific gravity @70°C	0.85		
Boiling point	>200°C		
Colour	White to cream	Visual	
<i>N.B These are indicative values only, not a specification</i>			
10. STABILITY AND REACTIVITY			
Stability	Stable, will not polymerize. Colour may darken and slight rancid odour may develop after recommended use-by dates		
Conditions to avoid	Temperatures above 180°C		
Materials to avoid	Strong oxidizing agents		
Hazardous Decomposition Products	Possible: Irritant fumes, Toxic fumes e.g. Carbon Monoxide if burned in a restricted oxygen supply.		
11. TOXICOLOGICAL EFFECTS			
Health Effects:			
On Eyes	Fumes from heated product may cause some irritation. Contact with hot material will cause severe thermal burns and permanent injury		
On Skin	Unlikely to irritate on brief or occasional exposure.		
By Inhalation	Inhalation of the product fumes may cause respiratory tract irritation.		
Chronic	Intense and prolonged skin contact may lead to skin irritation or disorders.		

Other	No known effects.
12. ECOLOGICAL INFORMATION	
Environmental Assessment	When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility	Solid. Insoluble in water. Involatile.
Persistence	Inherently or partially biodegradable.
Bioaccumulative Potential	Not determined.
Ecotoxicity	Not expected to be ecotoxic to fish / daphnia / algae. Not expected to be inhibitory to sewage bacteria.
13. DISPOSAL CONSIDERATIONS	
Disposal must be in accordance with local and national legislation	
Unused Product	Dispose of through an authorized waste contractor to licensed site. May be incinerated, subject to controlling authority.
Used / Contaminated Product	As for unused product.
Packaging	Must be disposed of through an authorized waste contractor.
14. TRANSPORT INFORMATION	
Non hazardous	
15. REGULATORY INFORMATION	
Hazard Label Data. This product is NOT classified as dangerous and EC Labeling is not required.	
16. ECOLOGICAL INFORMATION	
<p>The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other applications. Use of the product for applications other than stated in this sheet, or on the appropriate Product Information Sheet, may give rise to risks not mentioned on this sheet. You should not use this product other than for the stated applications without first seeking advice from us.</p> <p>If you have purchased the product to supply a third party for use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information on this sheet.</p> <p>If you are an employer, it is your duty to tell employees and others who may be affected of any other hazards described in this sheet and of any precautions which should be taken.</p>	