

# A. F. Suter & Co Ltd



## MATERIAL SAFETY DATA SHEET

### BEESWAX

<b>1 Identification</b>	
Material	<b>Beeswax</b>
Synonym	White Beeswax, Yellow Beeswax, Dark Yellow Beeswax, Cera Alba, Cera Flava
Cas No.	8012-89-3
<b>2 Hazard Identification</b>	See paragraph 15
Risk Phrase	None
Safety Phrase	None
Other	None
<b>3 Composition</b>	Complex mixture of esters of cerotic and melissic acids, myricyl and ceryl alcohols: hydrocarbons also present
<b>4 First Aid Measures</b>	Note to physician; no specific antidote; supportive care only
Inhalation	None
Skin	If molten, cool with water and remove carefully under medical supervision
Eye	Wash with eyewash solution or water
Ingestion	Non toxic Seek medical advice if burns have been sustained
<b>5 Fire Fighting</b>	
Extinguish with	Any system except water-jet
Combustion Products	CO <sub>2</sub> and H <sub>2</sub> O
Protective equipment	No special requirement
<b>6 Accidental Release</b>	Normal disposal of remaining material (see paragraph 13)
<b>7 Handling/Storage</b>	
Handling	No special requirement; hot when molten
Storage	Cool dry ambient
Ventilation	Not required
<b>8 Exposure Controls Personal Protection</b>	None
Respiratory	None
Protective clothing	None, but if molten, use adequate protection
<b>9 Physical/Chemical Props</b>	
Appearance	White and yellow slabs, broken pieces or pellets
Odour	Nectareous
Melting Range	61 – 65° C
pH (aqueous)	-
Flash Point	Above 177° C
Flammability	Slow combustion; no auto-ignition
SG @ 20° C	0.950 – 0.975
Solubility in Water	Nil

**Compass House  
Eastways Industrial Estate  
Witham  
Essex CM8 3YQ**

**Tel: +44 (0) 1376 514953  
Fax: +44 (0) 1376 514080  
Email: [afsuter@afsuter.com](mailto:afsuter@afsuter.com)**

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- 10 Stability/Reactivity**  
Stability Stable under normal conditions  
Reactivity: Temp Melts with eventual slow combustion  
Reactivity: Pressure None  
Reactivity: Shock None  
Danger of dust/air mixture explosion Not applicable  
Materials to avoid Strong oxidants  
Auto-degradation to unstable products None under normal storage conditions
- 11 Toxicological Information** No known short or long term effects. Wax fumes at high concentrations may cause eye and respiratory tract irritation
- 12 Ecological Information** Inert natural material, no known deleterious effects
- 13 Disposal Consideration** Material and packing may be disposed of as per local and national regulations. It is not listed as hazardous waste
- 14 Transport Information** Not classified as hazardous for transport
- 15 Regulatory Information** Not classified under current CHIP regulations.
- 16 Other Information** This information is for health and safety guidance only, is not a material specification, and does not constitute the user's own assessment of suitability, and workplace risk as required by any other Health and Safety legislation. It is accurate to the best of our knowledge and belief, but since the conditions of handling and use are outside our control we make no guarantee of results, and assume no liability for damages incurred by use of this material.

Authorised: ICP

Uncontrolled

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Witham  
Essex CM8 3YQ**

**Tel: +44 (0) 1376 514953  
Fax: +44 (0) 1376 514080  
Email: [afsuter@afsuter.com](mailto:afsuter@afsuter.com)**