



BEESWAX  
Material Safety Data Sheet

**Product Name**

Beeswax (white and yellow)

**Supplier**

Just a Soap  
South East Lodge  
Rede Road  
Whepstead  
Bury St Edmunds  
IP29 4ST  
01284 735043

**Composition/Ingredients Information**

A complex mixture of mainly esters, wax acids and alcohols.  
CAS: 8012 89 3  
INCI: Cera Alba  
EINECS: 287-383-7  
TARIFF Number: 152190 99 0  
Country of Origin: EU

**Hazards Identification**

Not classified as hazardous for supply under UK CPL or CHIP Regulations.

**At First Aid Measures**

Eye Contact: Flush immediately with water and obtain medical attentions.  
Skin Contact: cool the wax if molten and remove under medical supervision.

**Fire Fighting Measures**

General: not classified as inflammable, however will burn in the event of a small fire.  
Extinguishers: Foam CO<sup>2</sup>, dry chemical powder, sand or earth. For larger fires use foam or water mist.

**Accidental Release Measures**

Clean up methods: allow the hot wax to cool and solidify, then remove for subsequent disposal.  
Environmental Hazards: notify the authorities if large amounts are released in drains or sewers as the wax will solidify and may cause blockages.

**Handling & Storage**

Handling: care should be taken when handling hot wax.  
Storage: solid wax can be stored for indefinite periods in paperboard boxes, woven polypropylene bags or cartons on pallets away from possible sources of contamination and in cool, dry conditions.

**Exposure Controls/Personal Protection**

Adequate personal protective equipment must be worn when handling wax in a molten state.

**Physical & Chemical Properties**

Colour: white to ivory(WHITE), pale yellow(YELLOW).

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Odour: bland.

Solubility: insoluble in water.

Acid value: 17-24 (mg KOH/g)

Ester Value 70-80 (mg KOH/g)

Saponification value: 87-104 (mg KOH/g)

Ratio: 3.3-4.3

Ceresin, Paraffin and certain other waxes: complies with test.

Glycerol and other Polyhydric Alcohols: not more than 0.5%

**Stability & Reactivity**

Stability: stable at ambient temperatures. Flash point = > 177°C.

Reactivity: low chemical reactivity. Incompatible with strong oxiders. High concentrations of dust should be avoided as this can cause a risk of explosion.

**Toxicological Information**

Beeswax poses virtually no hazard to health when used in normal industrial practice.

Inhalation: no hazard.

Ingestion: not considered an industrial hazard.

Eyes: wax fumes may cause eye and respiratory tract irritation if present in sufficiently high concentration. Localised extraction must be employed in such circumstances.

Skin: sensitisation or irritation is very infrequent.

**Ecological Information**

Degradability: non biodegradable in the short term.

Toxicity: expected to be non toxic to aquatic life.

**Disposal Considerations**

According to local authority regulations.

**Transport Regulations**

Not classified as hazardous for transport in its solid state.

**Regulatory Information**

Waxes are not classified as hazardous for supply under UK CPL or CHIP Regulations.

**Other Information**

In line with general product specification. Always satisfy suitability for specific application.

This information relates only to the specific product designated and may not be valid for such product used in combination with any other materials or processes. Such information is, to the best of Just A Soap's knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or



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completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.

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