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MATERIAL SAFETY DATA SHEET

Edition: August 1998

Beeswax
(TNL 1765 – 17652)

1. Identification

Light Yellow Beeswax.

2. Composition/Information on Ingredients

A complex mixture of mainly esters, wax acids and alcohols.

3. Hazards Identification

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

4. First-Aid Measures

Eye contact	Flush eye with water for 15 minute. Seek medical advise.
Skin contact	Molten wax should be removed with cold water immediately and medical attention sort for burns.
Inhalation	No applicable.
Ingestion	No special action required. Do not induce vomiting.

5. Fire-Fighting Measures

Extinguishing media	Dry chemical, CO_2, sand or earth. For large fires use foam or water fog.
Protective equipment for Fire-fighters	Self-contained breathing apparatus.

6. Accidental Release Measures

In the event of a large spillage, any wax entering the sewers will solidify and may cause blockages. The authorities should be informed if this occurs. Allow spilt hot wax to cool and solidify and remove the solid for subsequent disposal.

7. Handling and 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.

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8. Exposure Control and Personal Protection

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

9. Physical and Chemical Properties

Physical form	Solid
Colour	Yellow
Odour	Characteristic
pH of aqueous solution	Not applicable
Boiling point	Not determined
Melting point	Not determined
Viscosity	Not applicable
Flash point	177 °C
Flammability solid/gas	Not applicable
Autoflammability	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable
Vapour pressure	Not applicable
Specific gravity	Not determined
Water solubility	Insoluble
Bulk density	Not determined
Partition coefficient octanol/water	Not applicable
Explosive limits	Not applicable

10. Stability and Reactivity

Stable at ambient temperatures.

11. Toxicological Information

The product poses virtually no hazard to health when used in normal industrial practice. There is no hazard from inhalation of the vapour nor is ingestion considered to be a normal industrial hazard. Wax fumes may cause eye and respiratory tract irritation if present in sufficiently high concentration and in such circumstances efficient localised extraction must be employed. Skin sensitisation or irritation is very infrequent.

12. Ecological Information

The product is unlikely to cause any environmental hazards although a spillage of hot wax could produce local scorch damage. It is expected to be non-toxic to aquatic organisms, fish and mammal wild life.

13. Disposal Considerations

Disposal considerations must take into account that waxes are general non-biodegradable in the short term. Non-recoverable waste should be disposed of via a licensed waste contractor.

14. Transport Information

UN number	Not assigned
IMDG code/class	Non hazardous
ICAO/IATA (air) class	Non hazardous
RID/ADR class	Non hazardous
ADNR class	Non hazardous

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15. Regulatory Information

The product is not classified as hazardous for supply under UK CPL or CHIP Regulations.

16. Other Information

The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.