

Material Safety Data Sheet
Polywax



1. Product Information.

Product Name:

Polywax pellets

Manufacturer:

Poth Hille & Co Ltd
37 high Street
Stratford
London
E152 2QD

Distributor:

TCS Biosciences Ltd
Botolph Claydon
Buckingham
MK18 2LR

Phone: 020 8534 7091
Fax: 020 8534 2291

Phone: 01296 714222
Fax: 01296 714806

Emergency phone number: 01296 714222 (office hours)

2. Composition/Data on Components.

A mixture of solid hydrocarbons.

3. Hazard Identification.

Not classified as hazardous for supply under UK CPL or CHIP Regulations.
EC Labelling: None

4. First Aid Measures.

Because it is often used in the molten state at elevated temperatures there is a risk of thermal burns and therefore contact with the skin should be avoided and precautions taken against accidental splashes.

In the event of wax entering the eyes these should be flushed immediately with water for 15 minutes and medical attention obtained. Molten wax on the skin should be cooled rapidly by cold water and removed carefully from the skin in not less than 30 minutes to avoid blistering, preferably under medical supervision to avoid tissue damage.

5. Fire Fighting Measures.

Although not classified as inflammable by the criteria used for transport purposes in the UK, nevertheless this product will burn and in the event of a small fire, foam, carbon dioxide, dry chemical powder, sand or earth may be employed; for large fires use foam or water fog.

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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.

8. Exposure Controls and Personal Protection Equipment.

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

9. Physical and Chemical Properties.

Practically insoluble in cold water, sparingly soluble in organic solvents in the cold, but quite soluble hot. Low chemical reactivity. Incompatible with strong oxidisers.

10. Stability and Reactivity.

Stable at ambient temperatures. Flash point greater than 177°C.

11. Toxicological Information.

Polywax 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.

Polywax 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 mammalian wild life.

13. Disposal Considerations.

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

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14. Transport Information.

Polywax in solid form is not classified as hazardous for transport.
This product does not require a hazard warning label in accordance with EEC Directives.

15. Regulatory Information.

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

16. Other Information.

The information contained herein is for health and safety guidance only and does not constitute a product specification. It is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.