



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision date: March 2022.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name **Microcrystalline Wax**
Product number **101-271, 101-272, 101-274**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses **Wax for miscellaneous applications**

1.3. Details of the supplier of the safety data sheet

Manufacturer / Supplier Potterycrafts Ltd / Tiranti
Campbell Road
Stoke
Stoke-on-Trent.
ST4 4ET
Tel 44 (0)1782 745000
sales@potterycrafts.co.uk / Enquiries@tiranti.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0) 1782 745000 Office Hours 08:30 – 16:30 hrs Mon-Friday.

SECTION 2: Hazards identification

2.1 Classification of the Substance or Mixture:

Does not contain any components which are hazardous according to DSD [67/548/EC] or CLP Regulation 1272/2008/EC

2.2 Label Elements:

Does not require a hazard warning label in accordance with DSD [67/548/EC] or CLP Regulation 1272/2008/EC

2.3 Other Hazards:

PBT: This product is not identified as a PBT / vPvB substance

Hot liquid may cause thermal burns.

SECTION 3: Composition/information on ingredients

3.1. **Substances:** Not applicable

3.2. **Mixtures:** A mixture of refined hydrocarbon waxes

There are no ingredients present which, within current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section in accordance with Regulation (EC) No. 1272/2008

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information: Remove contaminated / saturated clothing immediately. In case of accident or illness seek medical advice immediately.



Inhalation: Remove the affected person to fresh air, keep warm and rest. If recovery is not rapid, obtain medical attention.
Skin Contact: Wash the affected parts of the body with soap and water. Do not remove product from skin if adhered, if adverse skin effects follow, refer for medical attention.
Eye Contact: Flush eyes immediately with fresh water for at least 20 minutes while holding the eyelids open. Do not remove product from eye if adhered seek medical attention.
Ingestion: Do not induce vomiting, seek medical attention.
Self-Protection of First Aider: First aider, pay attention to self-protection.

SECTION 5: Firefighting measures

5.1 Extinguishing media: Dry chemical, carbon dioxide, water mist. **Not suitable:** Dry spray

5.2 Special hazards arising from the substance or mixture: Incomplete combustion or (high temperature) cracking can give: Carbon monoxide, organic acids, aldehydes, alcohols etc. Irritation vapours and smoke. Total combustion yields water and carbon dioxide.

5.3 Advice for firefighters: Only suitably trained personnel should attempt to tackle fires. Do not stay in the danger zone without respiratory protective equipment and protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Prevent inhalation and contact with hot liquid product..

6.2 Environmental precautions: Water may be used to flush spills away from sources of ignition. Do not allow the product to enter public drainage system or open water courses.

6.3 Methods and material for containment and cleaning up: Do not pick up hot product, allow cooling fully and transferring to containers.

SECTION 7: Handling and storage

7.1 Precautions for safe handling: Handle in accordance with good industrial hygiene and safety.

7.2 Conditions for safe storage, including any incompatibilities: Store under cover, out of direct sunlight, avoid temperatures above 30°C

7.3 Specific end use(s): This material is formulated for various uses.

SECTION 8: Exposure Controls/personal protection

Respiratory protection

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Liquid (at elevated temperature) Solid (at ambient temperature)
Odour:	Neutral
pH:	n/a
Boiling point/ range:	n/a
Congealing point:	approx. 76°C
Softening point:	approx. -1°C
Flame point:	>190°C
Flammability (solid, gas):	Flammable
Auto Flammability:	>190°C
Vapour pressure:	< 0.002 mbar (20°C)
Relative density (at 15°C):	0.83 – 0.96 (20°C)
Solubility in water:	n/a
Viscosity (Kinematic, at 100°C):	approx. 13 mPa.s (100°C)

9.2. Other information None specified



SECTION 10: Stability and reactivity

- 10.1 Reactivity:** This product is not reactive under normal storage and handling conditions (see section 7).
- 10.2 Chemical stability:** Under normal storage and handling conditions, this product is stable. May react with strong oxidising agents, especially at high temperatures.
- 10.3 Possibility of hazardous reactions:** No specific hazardous reactions are expected to occur.
- 10.4 Conditions to avoid:** Extremes of temperature (preferably, store between 5 & 39 °C). The product is combustible when heated >190°C.
- 10.5 Incompatible materials:** May react with strong oxidants (e.g. chlorates, peroxides).
- 10.6 Hazardous decomposition products:** At burning: see firefighting measures

SECTION 11: Toxicological information

No allergic and no skin reabsorbing properties are known
Non-toxic in normal conditions of use

SECTION 12: Ecological Information

12.1 Toxicity:

Not soluble in water, is hardly taken up by the environment

- Mobility:** Data not available
- Bioaccumulation potential:** Data not available
- Other Ecological information:** No other adverse effects are observed. Do not allow uncontrolled leakage of product into the environment.
- Results of PBT and vPvB assessment:** This substance does not fulfil the criteria for being classed as a PBT or vPvB substance.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

- General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). Not dangerous cargo. Keep separated from foodstuffs.
- 14.1. UN number**
- 14.2. UN proper shipping name**
- 14.3. Transport hazard class (es)**
- 14.4. Packing group**
- 14.5. Environmental hazards**
- 14.6. Special precautions for user**
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**



SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This product is not a substance subject to mandatory marking within EC Directive 67 / 548 / EC.

Not classified as hazardous under CHIP 2 as amended by CHIP 96: Chemicals (Hazard Information and Packaging) Regulations 1994 as amended by the CHIP 96 (Amendment) Regulations 1996. Occupational Exposure Limits EH40 (reviewed and reprinted annually). The Control of Substances Hazardous to Health (COSHH) Regulations 1994.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Hazard statements in full

This product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of material.

This information relates only to the specific material designated and may not be valid for such material used in combination With any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate And reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or Completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.