



## 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** Paraffin Wax  
**Product number** 101-130, 101-135, 101-140

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

**Identified uses** candle making and modifying other waxes

#### 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](mailto:sales@potteryCrafts.co.uk) / [Enquiries@tiranti.co.uk](mailto: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 complex blend of fully refined paraffin waxes.

CAS-No:	Substance Name	Mass % Range	EC Number	REACH Reg No
8002-74-2	Paraffin waxes and Hydrocarbon waxes	100	232-315-6	01-2119488076-30

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. No emergency measures are necessary but if adverse skin effects follow, refer for medical attention.

**Eye Contact:** Flush eyes immediately with fresh water for at least 5 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, refer for medical attention.

**Ingestion:** Do not induce vomiting. No emergency measures are needed but if adverse health effects follow or large amounts are swallowed, refer for medical attention.

**Self-Protection of First Aider:** First aider, pay attention to self-protection.

### **4.2 Most important symptoms and effects, both acute and delayed**

**Inhalation:** Over-heated oil can produce fumes which may be irritant when breathed in.

**Skin Contact:** May cause slight irritation to skin.

**Ingestion:** No known significant effects or critical hazards

**Eye Contact:** May cause slight irritation to eyes

### **4.3. Indication of any immediate medical attention and special treatment needed**

In contact with or splashed by hot liquid:

**Skin Contact** Cool the skin immediately with cool water. Treat burns according to their severity. Obtain medical attention. Never try to remove the material with solvents.

**Contact with eyes** Cool the area immediately with cold water. Seek advice of an ophthalmologist.

**Specific Treatment:** First Aider, decontamination, treatment of symptoms.

**Notes to doctor:** Treat symptomatically.

## **SECTION 5: Firefighting measures**

**5.1 Extinguishing media:** Foam, dry chemical, carbon dioxide, water mist.

**5.2 Special hazards arising from the substance or mixture:** Slight flammability hazard when exposed to heat or flame. During a fire, toxic gases (carbon monoxide, nitrous gases) may be generated by thermal decomposition or combustion.

**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:** Surfaces may become slippery after spillage.

**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:** Use Sand or active clay to absorb spilled substance and remove to containers for disposal

**6.4 Reference to other Sections:** See sections 8 and 13

## **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling:** Avoid skin contact. Avoid inhalation of vapour, mist or fumes. Do not wear contaminated clothing. Avoid contact with the eyes – wear chemical protective goggles when handling the product. Protective clothing such as impervious gloves should be worn if skin contact is anticipated. Protective clothing should be regularly inspected and maintained, discard oil saturated leather articles. The use of barrier and after work creams may be beneficial. Wash hands after working with the material.

**7.2 Conditions for safe storage, including any incompatibilities:** Keep containers tightly closed. Avoid heat and sources of ignition. Store in original containers or in other mild steel or high density polyethylene containers which are closable and clearly labelled. Clean up any spilled material immediately.

**Storage Class:** 10 - 13

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

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[sales@pottery crafts.co.uk](mailto:sales@pottery crafts.co.uk) / [Enquiries@tiranti.co.uk](mailto:Enquiries@tiranti.co.uk)

## **SECTION 8: Exposure Controls/personal protection**

**8.1. Control parameters** TWA TLV (ACGIH): 2 mg/m<sup>3</sup> (paraffin wax fumes). However in all circumstances exposure should be kept as low as reasonably possible by good ventilation and safe working practices.

**DNEL Values:** - No Data Available

**PNEC Values:** - No Data Available

### **8.2. Exposure controls**

**Appropriate engineering measures:** Facilities storing or utilising this material should be equipped with an eyewash facility.

**Respiratory protection:** Inhalation of the vapour, fumes or mists should be avoided by safe working practices and good ventilation.

**Eye protection:** Wear appropriate eye goggles.

**Skin protection:** No special precautions are needed beyond clean working conditions and safe handling practices. Change heavily contaminated clothing.

**Hand protection:** Use impervious gloves [conforming to EN374] PVC is suitable for casual contact. If direct contact for more than 2 hours then Neoprene or nitrile gloves recommended.

**8.3 Environmental Exposure Controls:** See sections 6, 7, 12 and 13

## **SECTION 9: Physical and Chemical Properties**

### **9.1. Information on basic physical and chemical properties**

<b>Appearance:</b>	Liquid (at elevated temperature) Solid (at ambient temperature)
<b>Odour:</b>	Typical
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Neutral
<b>Melting point/ Congealing point:</b>	56 - 60°C
<b>Boiling point/ range:</b>	Initial boiling point >300 °C
<b>Flash Point:</b>	> 150 °C (ASTM D92, COC)
<b>Evaporation Point:</b>	Not determined
<b>Flammability (solid, gas):</b>	May be combustible at high temperature
<b>Explosion Limits:</b>	Not determined
<b>Vapour pressure:</b>	Negligible
<b>Vapour density:</b>	Not determined
<b>Relative density (at 15°C):</b>	0.83 – 0.86
<b>Solubility in water:</b>	<1 mg/l
<b>Solubility in other solvents:</b>	Petroleum Ether, Ethyl Acetate
<b>Partition coefficient n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	>200 °C
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity (Kinematic, at 100°C):</b>	4.0cst
<b>Explosive properties:</b>	Not determined
<b>Oxidizing properties:</b>	Not determined

**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 >300°C.

**10.5 Incompatible materials:** May react with strong oxidants (e.g. chlorates, peroxides).

**10.6 Hazardous decomposition products:** Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrous gases and irritating fumes.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute Toxicity**

Acute Toxicity (oral) LD50 >5000mg/kg – OECD 401

Acute Toxicity (dermal) LD50 >2000mg/kg – OECD 402

Acute Toxicity (inhalation) No data available

**Skin Corrosive / Irritation:** Not Irritant – OECD 404

**Serious Eye Damage Irritation:** Not Irritant – OECD 405

**Respiratory Sensitisation:** No data available

**Skin Sensitisation:** Non sensitising OECD 406

**Repeated Dose Toxicity:** No data available

**Mutagenicity:** Negative – OECD 476

**Carcinogenicity:** No effect

**Reproductive Toxicity:** 1 screening for reproductive/developmental toxicity (OECD 421 or 422) - NOAEL  $\geq$ 1000 mg/kg bw/day.

## **SECTION 12: Ecological Information**

### **12.1 Toxicity:**

**Environmental Fate:** Not established

**Aquatic toxicity (fish):** Pimephales promelas - LL50 > 100 mg/l (96h) - OECD 203 / ISO 7346 / EEC 84/449/V, C1

**Aquatic toxicity (algae):** Pseudokirchnerella subcapitata - NOEL 100 mg/l - OECD 201

**Aquatic toxicity (invertebrate):** Daphnia magna - EL50 > 10000 mg/l (96 h) - OECD 202

**Mobility:** Data not available

**Biodegradation:** 31% in 28 days

**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**

### **Indication of changes:**

V2.0 Reach registration number added to description.

V3.0 Addition of Water hazard Class [*German WGK*]

### **Abbreviations & Acronyms**

**PNEC Predicted No Effect Level**

**DNEL Derived No Effect Level**

**LD50 Median Lethal Dose**

**LC50 Median Lethal Concentration**

**CAS No Chemical Abstract Services number**

**CLP Classification Labelling and Packaging Regulation**

**ES Exposure Scenario**

**EC European Commission**

**EC No European Chemical Number – EINECS - ELINCS**

**ECHA European Chemical Agency**

**EINECS European Inventory of Existing Commercial Chemical Substances**

**ELINCS European List of Notified Chemical Substances.**

**OECD Organisation for Economic Cooperation and Development**

**DSD Dangerous Substances Directive.**

**PBT Persistent Bio accumulative Toxic**

**vPvB very Persistent very Bio accumulative**

**STOT Specific Target Organ Toxicity**

**SU Sectors of Use**

### **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.

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