

# The British Wax Refining Co. Ltd

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

4051/2 Paraffin Wax 56/59

Revision 1  
Date of issue 11/12/2014  
Supersedes

### SECTION 1: Identification of the Substance and of the Company

#### 1.1. Product Identifier

British Wax Product Code 4051/2  
Product Trade Name Paraffin Wax 56/59  
Chemical Type Substance  
Chemical Description Saturated hydrocarbon mixture  
Straight and branch chain saturated hydrocarbons  
CAS Number 8002-74-2  
EC Number 232-315-6

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

##### 1.2.1. Relevant identified uses

Main use category Additive

##### 1.2.2. Uses advised against

#### 1.3. Details of the supplier of the safety data sheet

The British Wax Refining Company Ltd  
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### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]  
The substance is not classified according to the CLP regulation. Not classified  
Classification according to Directive 67/548/EEC or 1999/45/EC  
Not applicable  
Adverse physicochemical, human health and environmental effects  
No additional information available

#### 2.2 Label elements

Labelling to EC 1272/2008 [CLP] No labelling applicable  
Signal word  
Precautionary Statements

#### 2.3 Other Hazards

### SECTION 3: Composition / information on ingredients

#### 3.1 Substances

Chemical name	CAS No.	EC No.	%	Classification according to Directive 67/548/EC
Paraffin waxes and hydrocarbon waxes	8002-74-2	232-315-6	100	

#### 3.2 Mixtures

Chemical name	CAS No.	EC No.	%	Classification according to Directive 67/548/EC

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

First aid measures general	In case of serious or persistent conditions, call a doctor or seek emergency medical care.
First aid measures after inhalation	<i>Remove to fresh air. Obtain medical attention if symptoms persist.</i>
First aid measures after skin contact	<i>Cold material: wash with soap, hand cleaner and water. Hot material: flush skin with cold water to cool as quickly as possible. Cover with clean cotton. Do not attempt to remove substance from a burn as this can result in tissue loss. Obtain prompt medical attention</i>
First aid measures after eye contact	<i>Cold material: wash eyes thoroughly with liberal amounts of water. Heated material: Rinse with cool water to dissipate heat, do not try to remove substance. Obtain prompt medical attention.</i>
First aid measures after ingestion	<i>Wash the mouth with water. If large amounts are swallowed obtain prompt medical attention.</i>

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

Symptoms / Injuries	<i>If inhaled or ingested, there may be some irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.</i>
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### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media	Dry chemical, CO2, foam.
Unsuitable extinguishing media	Water jet. This will cause the fire to spread.

### 5.2 Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

### 5.3 Advice for firefighters

Firefighting instructions	No further relevant information available.
Protection during firefighting	Breathing apparatus and protective gloves.
Other information	No further relevant information available.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

General measures	<i>Remove persons from danger area.</i>
Protective equipment	<i>Wear protective equipment as described in Section 8 of this SDS.</i>
Emergency procedures	<i>In case of spills, beware of slippery floors. Remove ignition sources. Provide adequate ventilation.</i>

### 6.2 Environmental precautions

*Keep away from drains, surface and ground water. Spillages or uncontrolled discharges into the watercourse must be IMMEDIATELY alerted to the appropriate regulatory body.*

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up	<i>If molten, allow to solidify, scrape up and dispose of as solid combustible material. Contain liquid with sand, earth or similar absorbent material.</i>
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### 6.4 Reference to other sections

PPE - Section 8. Waste Disposal - Section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Precautions for safe handling      Avoid spilling, skin and eye contact. Avoid inhalation of vapours.

### 7.2 Conditions for safe storage, including any incompatibilities

Technical measures	No special measures required.
Storage conditions	Store in a cool, dry place. Keep away from combustion source. Protect from exposure to sunlight.
Incompatible products	No further relevant information.
Storage temperature	Below 25°C

### 7.3 Specific end use(s)

Specific identified uses for this product are detailed in Section 1.2

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

### 8.2 Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined exposure limit is not exceeded.

Hand protection

No special precautions other than protection from splashing or contact with molten material.

Eye protection

Safety glasses, chemical goggles (if splashing possible).

Skin and body protection

Heated wax should be handled with caution and suitable protective clothing worn.

Respiratory protection

Adequate ventilation

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	<i>Waxy solid</i>
Colour	<i>White</i>
Melting point / range, °C	
Congeaing point / range, °C	<i>ASTM D-938 56-59</i>
Boiling point / range, °C	
Flash point, °C	<i>&gt; 200</i>
Autoignition point, °C	
Relative density	<i>0.9 g/cm<sup>3</sup></i>
Solubility	<i>Water: Insoluble Ethanol: Insoluble Ether: Soluble</i>

### 9.2 Other information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No decomposition if used according to instructions in SDS.

### 10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition.

### 10.5 Incompatible materials

Strong oxidising agents. Strong acids.

### 10.6 Hazardous decomposition products

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity	>5000 mg / kg (oral rat)
Skin corrosion / irritation	No irritating effect
Serious eye damage / irritation	No irritating effect
Respiratory or skin sensitisation	No sensitizing effects known
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration hazard	No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

EL50 >10000mg/L (daphnia)

### 12.2 Persistence and degradability

Persistence and degradability The product is not easily, but potentially degradable.

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

Not classified as PBT/vPvB by current EU criteria

### 12.6 Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Ecology – waste materials	<i>Recommendation:</i> Smaller quantities can be disposed of with household waste.
European waste catalogue	<i>05 01 06 Oily sludges from maintenance operations of the plant or equipment.</i> <i>07 01 99 Wastes not otherwise specified.</i> <i>12 01 12 Spent waxes and fats</i>
Uncleaned packaging	<i>Recommendation:</i> Disposal must be made according to official regulations.

## SECTION 14: Transport information

### General information

The product is not covered by international regulation on the transport of dangerous goods (ADR/RID, IMDG, IATA)

**14.1 UN Number**

ADR/RID	No information required	IMDG	No information required	IATA	No information required
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**14.2 UN Proper Shipping name**

ADR/RID	No information required	IMDG	No information required	IATA	No information required
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**14.3 Transport hazard class(es)**

ADR/RID	No information required	IMDG	No information required	IATA	No information required
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**14.4 Packing group**

ADR/RID	No information required	IMDG	No information required	IATA	No information required
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**14.5 Environmental hazards**

ADR/RID	No information required	IMDG	No information required	IATA	No information required
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**14.6 Special precautions for user****14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No information required

**14.8 Additional information****SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture****15.1.1 EU regulations**

*Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.*

**15.1.2 National regulations**

*UK Regulatory References. Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I. 2002 No. 2677) with amendments.*

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out.

**SECTION 16: Other information****Legal Disclaimer**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. In view of the fact that the application of this information is outside our control, we disclaim any liability incurred in connection with its application or use. It should not therefore be construed as guaranteeing any specific property of the product.