

# Safety Data Sheet

## Hard Wax Oil



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

<b>1.1 Product identifier</b>	Hard Wax Oil
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Surface coating of wood . Uses advised against: not available.
<b>1.3 Details of the supplier of the safety data sheet</b>	Gilboy's Ltd, Staverton Works, New Lane, Staverton, Devon TQ9 6AQ, UK; Tel: 01803 762763.
<b>1.4 Emergency telephone number</b>	Gilboy's Ltd: Tel: 01803 762 763 (UK business hours). UK: 111 (public NHS number for less urgent medical problems). Medical professionals can contact the National Poisons Information Service (NPIS): 0344 892 0111.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to CLP Regulation (1272/2008) This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No. 1272/2008, or GB equivalent.

#### 2.2 Label elements

Pictogram None.  
Signal word None.  
Hazard statements None.  
Precautionary statements Keep out of reach of children.  
Supplemental information Repeated exposure may cause skin dryness or cracking.  
Contains d-limonene. May produce an allergic reaction.

**2.3 Other hazards** Not available.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures <sup>a,b</sup>

Declarable components	Conc. (wt%)	EC No.	CAS No.	REACH Reg. No.	Classification, supplemental hazards, ATE, M-factor, and SCL
Naphtha (petroleum), hydrotreated heavy	25-50	265-150-3	64742-48-9	01-211945727-3-39	Asp Tox 1, H304
Hydrocarbons, C11-C12, isoalkanes, <2% aromatics	10-25	918-167-1	NA	01-211947214-6-39	Flam Liq 3, H226; Asp Tox 1, H304; EUH066

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Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	1-10	920-901-0	246538-78-3	01-2119456810-40	Asp Tox 1, H304; EUH066
Hydrocarbons, C11-14	1-10	927-285-2	1174522-15-6	01-2119480162-45	Asp Tox 1, H304; EUH066
Limonene	< 1	227-813-5	5989-27-5	NA	Flam Liq 3, H226; Skin Irrit 2, H315; Skin Sens 1, H317; Asp Tox 1, H304; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
<i>Other components</i>					
NA					

<sup>a</sup> NA: not available.

<sup>b</sup> See Section 16 'Other information' for full text of the H-statements.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

Inhalation	For symptoms of inhalation, eg coughing, breathing difficulty, or respiratory irritation, remove exposed person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if symptoms persist.
Skin	If on skin, remove contaminated clothing and wash affected area with soap and water. Get medical attention if symptoms persist. Wash contaminated clothing before re-use.
Eye	If in eyes, immediately rinse with room-temperature water or eyewash for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison centre or doctor if irritation persists.
Ingestion	If swallowed, rinse mouth with water and give water to drink. Get medical attention. Do not induce vomiting, unless instructed by medical personnel. For signs of aspiration into the lungs (violent coughing, choking, or vomiting), call a poison centre or doctor immediately.

**4.2 Most important symptoms and effects, both acute and delayed** Repeated exposure may cause skin dryness or cracking.  
Contains d-limonene. May produce an allergic reaction.  
High concentration of vapours may cause irritation to eyes and respiratory system.

**4.3 Indication of any immediate medical attention and special treatment needed** Treat symptoms as they occur.

### SECTION 5: Firefighting measures

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### 5.1 Extinguishing media

Suitable Alcohol resistant foam, carbon dioxide, chemical powder, water spray/mist.

Unsuitable Do not use water jet as it may spread fire.

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

The product is not classified as flammable. If involved in a fire, it will burn producing dense black smoke, and hazardous vapours and gases.

### 5.3 Advice for firefighters

Remove containers from fire or cool them with water spray. For larger fires, firefighters should wear breathing apparatus and protective clothing.

Prevent water from firefighting from entering water-courses or drainage system.

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## Section 6: Accidental release measures

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

Product is supplied in small containers for consumers which can be collected.

For large spills in a professional setting, wear personal protection. Keep unauthorised personnel from the spillage area. Ventilate area and extinguish all sources of ignition. Use only non-sparking equipment. Follow prescribed procedures for responding to large spills and reporting to appropriate authorities

### 6.2 Environmental precautions

Prevent product from entering water courses or drainage system by using bunding or absorption with inert material.

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

Clean up spill as soon as possible. Do not flush to sewer.

For small quantities, wipe off with cloth or paper.

For large quantities, recover by using appropriate techniques such as pumping, or absorb onto an inert material (eg sand) and sweep up or collect using vacuum cleaner.

Wash contaminated surfaces with water and detergent, and collect waste, washings, and contaminated materials for safe disposal.

### 6.4 Reference to other sections

For recommended personal protective equipment, see Section 8.

For disposal considerations, see Section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid skin and eye contact with the product, and inhalation of vapour or spray. Use only in a well-ventilated area. See Section 8 for controls and personal protection.

Wash hands after use. Do not eat, drink or smoke when using this product.

Remove or extinguish sources of ignition. Use only non-sparking equipment.

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<b>7.2 Conditions for safe storage, including any incompatibilities</b>	Keep container tightly closed and dry in a cool, well-ventilated place.
<b>7.3 Specific end use(s)</b>	Surface coating of interior bare wood .

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

EU limit values	Not available.
National limit values (UK)	Normal and branched chain alkanes (C ≥ 7): 1200 mg/m <sup>3</sup> .
Monitoring procedure	BS EN 14042:2003; Workplace Atmospheres; Guide for the Application and Use of Procedures for the Assessment of Exposure to Chemical and Biological Agents, or national equivalent.
Other: human health (DNELs, DMELs)	Naphtha (petroleum), hydrotreated heavy: DNELs: workers, short-term exposure, systemic effects, inhalation, 1286 mg/m <sup>3</sup> ; workers, short-term exposure, local effects, inhalation, 838 mg/m <sup>3</sup> .
Other: environmental (PNEC)	Not available.

#### 8.2 Exposure controls

Engineering controls	Not required for consumer use. For professional use, good general ventilation (3 to 5 air changes per hour) is recommended. Local exhaust ventilation is recommended if operating conditions produce vapour or spray.
Personal protective equipment	The need for personal protective equipment should be based on a workplace risk assessment for the particular use. We recommend chemical-resistant gloves (eg nitrile, 0.4 mm; breakthrough time > 30 min) and eye/face protection. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Where more extensive contact may occur, wear protective clothing (eg overalls, apron). Wear respiratory protective equipment (organic vapour mask with combination filter A/P2) if exposure to vapour/mist is foreseen. PPE should be to British Standards. Consult manufacturers concerning breakthrough times.
Environmental exposure controls	Not available.

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### SECTION 9: Physical and chemical properties

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

(a) Physical state	Liquid
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(b) Colour	Colourless
(c) Odour	Characteristic
(d) Melting/freezing point	Not available
(e) Boiling point or initial boiling point and boiling range	Not available
(f) Flammability	Not classified as flammable liquid
(g) Lower and upper explosion limit	Not available
(h) Flash point	> 60 °C
(i) Auto-ignition temp.	Not available
(j) Decomposition temp.	Not available
(k) pH	Not available
(l) Kinematic viscosity	Not available
(m) Solubility	Not available
(n) Partition coeff. n-octanol/water (log value)	Not available
(o) Vapour pressure	Not available
(p) Density or rel. density	Ca. 0.88 kg/L at 20 °C
(q) Relative vapour density	Not available
(r) Particle characteristics	Not available

**9.2 Other information** Efflux time 42 to 55 s at 20 °C (method DIN 53211 4 mm).  
Non-volatile content: 44.6%.

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### SECTION 10: Stability and reactivity

<b>10.1 Reactivity</b>	Not available.
<b>10.2 Chemical stability</b>	Stable under ambient conditions. No hazardous polymerization.
<b>10.3 Possibility of hazardous reactions</b>	Not available.
<b>10.4 Conditions to avoid</b>	Avoid storage at high temperatures, or in direct sunlight. Keep away from sources of heat, sparks and open flame.
<b>10.5 Incompatible materials</b>	Strong acids, alkalis, and oxidising agents.
<b>10.6 Hazardous decomposition products</b>	None known

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### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) Acute toxicity	Based on available data, the classification criteria are not met. ATE <sub>mix</sub> (oral) > 2000 mg/kg; ATE <sub>mix</sub> (dermal) > 2000 mg/kg; ATE <sub>mix</sub> (inhalation, mist) > 5 mg/L.
(b) Skin corrosion/irritation	Based on available data, the classification criteria are not met. Repeated exposure may cause skin dryness or cracking.
(c) Serious eye damage/irritation	Based on available data, the classification criteria are not met.
(d) Respiratory or skin sensitisation	Respiratory sensitisation: no expectation of respiratory sensitisation potential. Skin sensitisation: contains d-limonene, and may produce an allergic reaction.
(e) Germ cell mutagenicity	Based on available data, the classification criteria are not met.
(f) Carcinogenicity	Based on available data, the classification criteria are not met.
(g) Reproductive toxicity	Based on available data, the classification criteria are not met.
(h) STOT-single exposure	Based on available data, the classification criteria are not met.
(i) STOT-repeated exposure	Based on available data, the classification criteria are not met.
(j) Aspiration hazard	No data available.
<b>11.2 Information on other hazards</b>	No substances identified as having endocrine disrupting properties relevant for humans.

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### SECTION 12: Ecological information

<b>12.1 Toxicity</b>	Based on available data, the classification criteria are not met. Hydrocarbons, C11-C13, isoalkanes, <2% aromatics: LC <sub>50</sub> (fish, 96 h) > 100 mg/L. Hydrocarbons, C11-14: EC <sub>50</sub> (Daphnia magna, 48 h) > 1000 mg/L.
<b>12.2 Persistence and degradability</b>	The product is a complex hydrocarbon mixture, and components are expected to degrade at different rates. Hydrocarbons, C11-C13, isoalkanes, <2% aromatics and hydrocarbons, C11-14: not readily biodegradable.
<b>12.3 Bioaccumulative potential</b>	Not considered bioaccumulative.
<b>12.4 Mobility in soil</b>	Not available.
<b>12.5 Results of PBT and vPvB assessment</b>	No ingredients have been identified as PBT or vPvB.
<b>12.6 Endocrine disrupting properties</b>	Not available.

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**12.7 Other adverse effects**      The mixture is not classified as hazardous to the ozone layer.

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### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**      Incineration is recommended for disposal of this product. This product is not suitable for landfill or disposal via the drains.  
Wastes of this product are covered in the European Waste Catalogue, suggested codes:  
080111: waste paint and varnish containing organic solvents or other dangerous substances; or 200127: paint, inks, adhesives and resins containing dangerous substances.  
Disposal must be in accordance with current national and local regulations. Chemical residues generally count as special waste. General EU requirements are given in Directive 2008/98/EC.

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### SECTION 14: Transport information

**14.1 UN Number**      Not classified as dangerous goods for transport.

**14.2 UN proper shipping name**      Not applicable.

**14.3 Transport hazard class(es)**      Not applicable.

**14.4 Packing group**      Not applicable.

**14.5 Environmental hazards**      Not classified as marine pollutant/environmentally hazardous.

**14.6 Special precautions for user**      Not available.

**14.7 Maritime transport in bulk according to IMO instruments**      Not applicable. This product is not intended to be transported by sea in bulk containers.

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### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**      *UK:* Control of Substances Hazardous to Health Regulations 2002 (COSHH), as amended (also implementing 90/394/EEC on carcinogens at work). COSHH Essentials: Easy Steps to Control Chemicals; HSE Books 2003 (also available on the HSE website).  
*Workplace Exposure Limits* EH40/2005 (Fourth Edition, 2020); Health and Safety Executive.  
*EU Paints Directive:* Directive 2004/42/EC of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products: VOC content 55.3% (488 g/L).

**15.2 Chemical safety assessment**      Not available.

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### SECTION 16: Other information

Revisions	This SDS is the first version in EU format (Regulation 2020/878), using classification according to the CLP Regulation, or GB equivalent.
Abbreviations	ATE, acute toxicity estimate; DNEL, derived no-effect level; DMEL, derived minimum effect level; PBT, persistent, bioaccumulative, and toxic; PNEC, predicted no-effect concentration; STOT RE, specific target organ toxicity repeated exposure; STOT SE, specific target organ toxicity single exposure; TWA, time-weighted average; vPvB, very persistent, very bioaccumulative; WEL, UK workplace exposure limit.
References	Search for chemicals; available at the European Chemicals Agency website: <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> . Supplier safety data sheet.
Basis of classification	The mixture is self-classified on the basis of available information on the ingredients.
List of hazard statements	H226: Flammable liquid and vapour; H304: May be fatal if swallowed and enters airways; H315: Causes skin irritation; H317: May cause an allergic skin reaction; H400: Very toxic to aquatic life; H410: Very toxic to aquatic life with long lasting effects.