

Trade name: Whittle Waxes Formula Treatex Hardwax Oil Matt 1100

Version: 11 / WORLD  
Replaces Version: 10 / WORLD

Date created/revised: 03.11.16  
Print date: 15.09.16

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Whittle Waxes Formula Treatex Hardwax Oil 1100

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

#### Use of the substance/preparation

Surface treatment of wood and other materials

#### Identified Uses

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SU22 REACHSET 2003  
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
ERC8a Wide dispersive indoor use of processing aids in open systems  
ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix PROC10  
Roller application or brushing

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SU21 REACHSET 3003  
Consumer uses: Private households (= general public = consumers)  
ERC8a Wide dispersive indoor use of processing aids in open systems  
ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix PROC10  
Roller application or brushing

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

#### Manufacturer

Whittle Waxes  
P.O. Box 455 Cooroy. QLD 4563  
Telephone no. +61 (0) 1300 326 929 or 07 5471 7963  
E-mail address info@whittlewaxes.com.au

### 1.4. Emergency telephone number

Australia +61 13 11 26

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)  
Flam. Liq. 3 H226  
STOT SE 3 H336

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

### 2.2. Label elements

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## Labelling according to regulation (EC) No 1272/2008

### Hazard pictograms



### Signal word

Warning

### Hazard statements

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P309+P315 IF exposed or if you feel unwell: Get immediate medical advice/attention.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)** contains naphtha hydrodesulfurized heavy **Supplemental information**

EUH066 Repeated exposure may cause skin dryness or cracking.

### Further supplemental information

Cleaning cloth soaked with the product can self ignite during packing up, therefore dry the cloth on a line or through spreading and dispose of after dry up.

### 2.3. Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB) (if not listed in Section 3).

## 3. Composition/information on ingredients

### Hazardous ingredients (Regulation (EC) No. 1272/2008) naphtha hydrodesulfurized heavy

CAS No. 64742-48-9

EINECS no. 265-150-3

Registration no. 01-2119463258-33

Concentration  $\geq$  25 < 50 %

Classification (Regulation (EC) No. 1272/2008)	Flam. Liq. 3	H226
	Asp. Tox. 1	H304
	STOT SE 3	H336

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#### alkanes, C11-14-iso-

CAS No.	90622-58-5				
Concentration	>=	10	<	25	%
Classification (Regulation (EC) No. 1272/2008)					
	Asp. Tox. 1			H304	
	Aquatic Chronic 4			H413	

EUH066

#### 2-ethylhexanoic acid zirconium salt

CAS No.	22464-99-9				
EINECS no.	245-018-1				
Registration no.	01-2119979088-21				
Concentration	>=	1	<	3	%

Classification (Regulation (EC) No. 1272/2008)

	Repr. 2			H361d	
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#### naphtha hydrodesulfurized heavy

CAS No.	64742-48-9				
EINECS no.	265-150-3				
Registration no.	01-2119457273-39				
Concentration	>=	1	<	10	%
Classification (Regulation (EC) No. 1272/2008)					
	Asp. Tox. 1			H304	
				EUH066	

#### Further hazardous ingredients

For explanation of abbreviations see section 16.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) (if not listed in Section 3).

## 4. First aid measures

### 4.1. Description of first aid measures

#### General information

In all cases of doubt, or when symptoms persist, seek medical attention. If unconscious place in recovery position and seek medical advice. First aider: Pay attention to self-protection! Remove affected person from danger area, lay him down.

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#### **After inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest. Keep warm, calm and covered up. In all cases of doubt, or when symptoms persist, seek medical attention.

#### **After skin contact**

Wash off immediately with soap and water. Do NOT use solvents or thinners. Consult a doctor if skin irritation persists.

#### **After eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. Take medical treatment.

#### **After ingestion**

Do not induce vomiting. Take medical treatment.

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

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. High concentration of vapours may cause irritation to eyes and respiratory system and produce narcotic effects. The liquid splashed in the eyes may cause irritation and reversible damage.

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

**Hints for the physician / treatment** Treat symptomatically.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist

#### **Non suitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

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

Fire will produce dense black smoke. In a fire, hazardous decomposition products may be produced. Exposure to decomposition products may cause a health hazard. Vapours can form an explosive mixture with air.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

In case of combustion evolution of dangerous gases possible. Use self-contained breathing apparatus.

#### **Other information**

Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water spray. Standard procedure for chemical fires.

## **6. Accidental release measures**

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

Remove all sources of ignition. Ensure adequate ventilation. Do not inhale vapours. Do not inhale gases. Do not inhale mist.

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## 6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean contaminated floors and objects thoroughly while observing environmental regulations. Clean with detergents. Avoid solvents. Keep in suitable, closed containers for disposal.

## 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

## 7. Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Keep container tightly closed and dry in a cool, well-ventilated place. Use only with adequate ventilation/personal protection. Ensure adequate ventilation. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Do not eat, drink or smoke when using this product. Use personal protective clothing. For personal protection see Section 8.

#### Advice on protection against fire and explosion

Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread along floors. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Take measures to prevent the build up of electrostatic charge. Wear shoes with conductive soles. No sparking tools should be used. Fight fire with normal precautions from a reasonable distance. Do not process in the same cabin together with highly flammable material (e.g. CN lacquer) => fire hazard through self ignition! Cleaning cloth soaked with the product can self ignite during packing up, therefore dry the cloth on a line or through spreading and dispose of after dry up.

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

#### Requirements for storage rooms and vessels

Provide solvent-resistant and impermeable floor. Store at room temperature in the original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. **Hints on storage assembly**

Keep away from oxidising agents and strongly acid or alkaline materials.

#### Storage class according to the Occupation Safety Ordinance:

Flammable.

#### Further information on storage conditions

Keep away from heat. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in accordance with the particular national regulations.

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### 7.3. Specific end use(s)

See exposure scenario, if available.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Other information

-

#### Derived No/Minimal Effect Levels (DNEL/DMEL) naphtha hydrodesulfurized heavy

Type of value	Derived No Effect Level (DNEL)	
Reference group	Workers (professional)	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	Systemic effects	
Concentration	300	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Workers (professional)	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1500	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	Systemic effects	
Concentration	300	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	Systemic effects	

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Concentration	900	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Oral exposure	
Mode of action	Systemic effects	
Concentration	300	mg/kg/d

**2-ethylhexanoic acid zirconium salt**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Workers (industrial)	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	32,97	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Workers (industrial)	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	Systemic effects	
Concentration	6,49	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Oral exposure	
Mode of action	Systemic effects	
Concentration	4,51	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	Systemic effects	

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Concentration	8,13	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	Systemic effects	
Concentration	3,25	mg/kg/d

**naphtha hydrodesulfurized heavy**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Workers (industrial)	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	Systemic effects	
Concentration	208	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Workers (industrial)	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	871	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Oral exposure	
Mode of action	Systemic effects	
Concentration	125	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	Systemic effects	
Concentration	125	mg/kg/d



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Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	900	mg/m <sup>3</sup>

**Predicted No Effect Concentration (PNEC)**

**2-ethylhexanoic acid zirconium salt**

Type of value	PNEC	
Type	Freshwater	
Concentration	0,36	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0,036	mg/l
Type of value	PNEC	
Type	Fresh water sediment	
Concentration	6,37	mg/kg
Type of value	PNEC	
Type	saltwater sediment	
Concentration	0,637	mg/kg
Type of value	PNEC	
Type	Soil	
Concentration	1,06	mg/kg
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	71,7	mg/kg

**8.2. Exposure controls**

**Exposure controls**

Apply technical measures to comply with the workplace exposure limits. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

**Respiratory protection**

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Recommended Filter type: Respiratory protection mask with combination filter A/P2 **Hand**

**protection**

Protective gloves complying with EN 374.

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#### Glove material

Multilayer gloves made from

Appropriate Material Fluorinated rubber / butyl-rubber

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

#### Eye protection

Wear eye glasses with side protection according to EN 166.

#### Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

## 9. Physical and chemical properties

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

**Form** liquid  
**Colour** colourless  
**Odour** characteristic

#### Odour threshold

Remarks no data available **pH value**

Remarks no data available

#### Melting point

Remarks no data available

#### Freezing point

Remarks no data available

#### Initial boiling point and boiling range

Value 135217°C  
to

#### Flash point

Value 43 °C

#### Evaporation rate

Remarks no data available

#### Flammability

(solid,  
**gas**) no  
data  
available

#### Upper/lower flammability or explosive limits

Remarks no data available

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**Vapour density**

Remarks no data available

**Density**

Value 0,92 g/cm<sup>3</sup>  
Temperature 20 °C

**Solubility in water**

Remarks no data available

**Solubility(ies)**

Remarks no data available

**Partition coefficient: n-octanol/water**

Remarks no data available

**Ignition temperature**

Remarks no data available

**Decomposition temperature**

Remarks no data available

**Viscosity**

Remarks no data available

**Efflux time**

Value 5359 s  
to Temperature 20 °C

Method DIN 53211 4 mm

**Explosive properties**

evaluation no data available

**Oxidising properties**

Remarks no data available

**9.2. Other information**

**Other information**

This information is not available.

**10. Stability and reactivity**

**10.1. Reactivity**

No conditions to be specially mentioned.

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**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

To avoid thermal decomposition, do not overheat.

**10.4. Conditions to avoid**

Heat, flames and sparks.

**Decomposition temperature**

Remarks no data available

**10.5. Incompatible materials**

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

**10.6. Hazardous decomposition products**

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke. No decomposition if used as prescribed.

**11. Toxicological information**

**11.1. Information on toxicological effects**

**Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute oral toxicity (Components) naphtha hydrodesulfurized heavy**

Species	rat		
LD50 >	5000	alkanes, C11-14-iso-	mg/kg
Species	rat		
LD50	>	5000	mg/kg
Method	OECD 401	naphtha	

**hydrodesulfurized heavy**

Species	rat		
LD50	>	5000	mg/kg

**Acute dermal toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute dermal toxicity (Components)**

**naphtha hydrodesulfurized heavy**

Species	rat		
LD50		3160	mg/kg

**C11-14-iso-**

Species	rabbit		
LD50	>	5000	mg/kg

**naphtha hydrodesulfurized heavy**

Species	rabbit		
LD50	>	3000	mg/kg

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### Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

### Acute inhalative toxicity (Components) naphtha hydrodesulfurized heavy

Species rat  
LC50 appr. 100 mg/l  
Duration of exposure 4 h  
Remarks Mist **alkanes, C11-14-**

#### iso-

Species rat  
LC50 > 5,6 mg/l  
Duration of exposure = 4 h  
Remarks Mist **naphtha**

### hydrodesulfurized heavy

LC50 > 5 mg/l  
Duration of exposure 4 h  
Remarks Mist

### Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met. **Serious eye damage/irritation**

Remarks Based on available data, the classification criteria are not met. **Sensitization**

Remarks Based on available data, the classification criteria are not met. **Mutagenicity**

Remarks Based on available data, the classification criteria are not met. **Reproductive toxicity**

Remarks Based on available data, the classification criteria are not met. **Reproduction toxicity**

### (Components)

#### 2-ethylhexanoic acid zirconium salt

Route of exposure oral  
evaluation Toxic to Reproduction Category 3

### Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

### Specific Target Organ Toxicity (STOT)

Remarks The classification criteria are met

### Aspiration hazard

Based on available data, the classification criteria are not met.

### Other information

No toxicological data are available.

## 12. Ecological information

### 12.1. Toxicity

#### General information

For this subsection there is no ecotoxicological data available on the product as such.

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**Fish toxicity (Components)**

**naphtha hydrodesulfurized heavy**

Species Pimephales promelas (fathead minnow)  
 LC50 2200 mg/l  
 Duration of exposure 96 h

**naphtha hydrodesulfurized heavy**

Species Pimephales promelas (fathead minnow)  
 NOEC 2,6 mg/l  
 Duration of exposure 14 d

**naphtha hydrodesulfurized heavy**

Species Oncorhynchus mykiss (rainbow trout)  
 LC50 16 mg/l  
 Duration of exposure 96 h

**Daphnia toxicity (Components)**

**naphtha hydrodesulfurized heavy**

Species Chaetogammarus marinus  
 EC50 2,6 mg/l  
 Duration of exposure 96 h

**naphtha hydrodesulfurized heavy**

Species Daphnia magna (Water flea)  
 EC50 4,5 mg/l  
 Duration of exposure 48 h

**naphtha hydrodesulfurized heavy**

Species Daphnia magna (Water flea)  
 NOEC 2,6 mg/l  
 Duration of exposure 21 d **alkanes, C11-14-**

**iso-**

Species Daphnia magna (Water flea)  
 EC50 > 1000 mg/l  
 Duration of exposure 48 h

**Algae toxicity (Components)**

**naphtha hydrodesulfurized heavy**

Species Pseudokirchneriella subcapitata (green algae)  
 EC50 3,1 mg/l Duration of exposure 72 h

**12.2. Persistence and degradability**

**General information**

For this subsection there is no ecotoxicological data available on the product as such.

**Biodegradability (Components)**

**alkanes, C11-14-iso-**

evaluation Not readily biodegradable.

**naphtha hydrodesulfurized heavy**

Value 77,05 %  
 Duration of test 28 d  
 evaluation Readily biodegradable.

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### 12.3. Bioaccumulative potential

#### General information

For this subsection there is no ecotoxicological data available on the product as such.

#### Partition coefficient: n-octanol/water

Remarks no data available

### 12.4. Mobility in soil

#### General information

For this subsection there is no ecotoxicological data available on the product as such.

#### Mobility in soil

no data available

### 12.5. Results of PBT and vPvB assessment

#### General information

For this subsection there is no ecotoxicological data available on the product as such.

### 12.6. Other adverse effects

#### General information

For this subsection there is no ecotoxicological data available on the product as such. **General**

#### information / ecology

For this subsection there is no ecotoxicological data available on the product as such.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

EWC waste code 080111 - waste paint and varnish containing organic solvents or other dangerous substances

EWC waste code 200127 - paint, inks, adhesives and resins containing dangerous substances Where possible recycling is preferred to disposal or incineration. Do not allow to enter drains or waterways. **modified product**

EWC waste code 080113 - sludges from paint or varnish containing organic solvents or other dangerous substances

EWC waste code 080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

#### Dried residues

EWC waste code 080112 - waste lacquers and waste paint except those falling under 080111

#### Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances Empty

remaining contents.

Empty containers should be taken to local recyclers for disposal.

## 14. Transport information Land transport ADR/RID

### 14.1. UN number UN

1263

### 14.2. UN proper shipping name

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PAINT

**14.3. Transport hazard class(es)**

Class 3  
 Label 3

**14.4. Packing group**

Packing group III  
 Special provision 640E  
 Limited Quantity 5I  
 Transport category 3  
 Tunnel restriction code D/E

**Marine transport IMDG/GGVSee**

**14.1. UN number**

UN 1263

**14.2. UN proper shipping name** PAINT

**14.3. Transport hazard class(es)**

Class 3

**14.4. Packing group**

Packing group III

**Air transport ICAO/IATA**

**14.1. UN number** UN

1263

**14.2. UN proper shipping name** PAINT

**14.3. Transport hazard class(es)**

Class 3

**14.4. Packing group**

Packing group III

**15. Regulatory information**

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

**VOC**

VOC (EU) 47,6 % 440 g/l

**Non-volatile content**

Value [%] 52,1

**15.2. Chemical safety assessment**

For this substance / mixture a chemical safety assessment was not carried out.

**16. Other information**

**Hazard statements listed in Chapter 3**

EUH066 Repeated exposure may cause skin dryness or cracking.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.



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H361d Suspected of damaging the unborn child.

H413 May cause long lasting harmful effects to aquatic life.

### CLP categories listed in Chapter 3

Aquatic Chronic 4	Hazardous to the aquatic environment, chronic, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquid, Category 3
Repr. 2	Reproductive toxicity, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### Abbreviations

ADR - Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID - Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG - International Maritime Code for Dangerous Goods

IATA - International Air Transport Association

IATA-DGR - Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO-TI - Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

CAS - Chemical Abstracts Service (division of the American Chemical Society)

GefStoffV - Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL - Lowest Observed Adverse Effect Level

LOEL - Lowest Observed Effect Level

NOAEL - No Observed Adverse Effect Level

NOEC - No Observed Effect Concentration

NOEL - No Observed Effect Level

OECD - Organisation for Economic Cooperation and Development

VOC - Volatile Organic Compounds

Changes since the last version are highlighted in the margin (\*\*\*). This version replaces all previous versions.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The 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, unless specified in the text.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.

## **Annex to the extended Safety Data Sheet (eSDS)**

### **Short title of the exposure scenario**

ES026 - Professional uses: roller application or brushing, dipping and pouring and other processing without aerosol formation (inside)

Trade name: Whittle Waxes Formula Treatex Hardwax Oil Matt 1100

Version: 11 / WORLD

Date created/revised: 03.11.16

Replaces Version: 10 / WORLD

Print date: 15.09.16

**Use of the substance/preparation**

Surface treatment of wood and other materials

**Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
 ERC8a Wide dispersive indoor use of processing aids in open systems  
 ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix  
 PROCh01 Other processing without aerosol formation  
 PROC10 Roller application or brushing  
 PROC13 Treatment of articles by dipping and pouring

**Contributing exposure scenario controlling environmental exposure**

**Use**

ERC8a Wide dispersive indoor use of processing aids in open systems  
 ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix

**Physical form**

liquid

**Hazardous ingredients**

**naphtha hydrodesulfurized heavy**

CAS No. 64742-48-9  
 EINECS no. 265-150-3  
 Registration no. 01-2119463258-33  
 Concentration >= 25 < 50 %

**alkanes, C11-14-iso-**

CAS No. 90622-58-5  
 Concentration >= 10 < 25 %

**2-ethylhexanoic acid zirconium salt**

CAS No. 22464-99-9  
 EINECS no. 245-018-1  
 Registration no. 01-2119979088-21  
 Concentration >= 1 < 3 %

**naphtha hydrodesulfurized heavy**

CAS No. 64742-48-9  
 EINECS no. 265-150-3  
 Registration no. 01-2119457273-39  
 Concentration >= 1 < 10 %

Trade name: Whittle Waxes Formula Treatex Hardwax Oil Matt 1100

Version: 11 / WORLD  
Replaces Version: 10 / WORLD

Date created/revised: 03.11.16  
Print date: 15.09.16

### Maximum amount used per time or activity

Emission days per site: <= 250

### Other relevant operational conditions

Use: Room temperature  
Drying and through-curing takes place at ambient temperature or at higher temperatures.  
Volatile organic substances will volatilise into the atmospheric air inside.  
Where possible recycling is preferred to disposal or incineration.  
The product should not be allowed to enter drains, water courses or the soil. Dispose of rinse water in accordance with local and national regulations.

### Waste water

Do not flush into surface water or sanitary sewer system.

### Exhaust air

Keep container closed. Discharge into the environment must be avoided.

### Soil

Use only in an area equipped with an impervious floor.

### Disposal recommendations for the product

EWC waste code 080111 - waste paint and varnish containing organic solvents or other dangerous substances  
200127 - paint, inks, adhesives and resins containing dangerous

substances Where possible recycling is preferred to disposal or incineration. Do not allow to enter drains or waterways. **modified**

### product

EWC waste code 080113 - sludges from paint or varnish containing organic solvents or other dangerous substances  
080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

### Dried residues

EWC waste code 080112 - waste lacquers and waste paint except those falling under 080111

### Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances Empty remaining contents.  
Empty containers should be taken to local recyclers for disposal.

## Contributing exposure scenario controlling worker exposure (professional)

### Use

SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
PROC10	Roller application or brushing
PROC13	Treatment of articles by dipping and pouring
PROCh01	Other processing without aerosol formation

Trade name: Whittle Waxes Formula Treatex Hardwax Oil Matt 1100

Version: 11 / WORLD  
 Replaces Version: 10 / WORLD

Date created/revised: 03.11.16  
 Print date: 15.09.16

**Physical form** liquid

**Hazardous ingredients**

**naphtha hydrodesulfurized heavy**

CAS No.	64742-48-9				
EINECS no.	265-150-3				
Registration no.	01-2119463258-33				
Concentration	>= 25	<	50	%	

**alkanes, C11-14-iso-**

CAS No.	90622-58-5				
Concentration	>= 10	<	25	%	

**2-ethylhexanoic acid zirconium salt**

CAS No.	22464-99-9				
EINECS no.	245-018-1				
Registration no.	01-2119979088-21				
Concentration	>= 1	<	3	%	

**naphtha hydrodesulfurized heavy**

CAS No.	64742-48-9				
EINECS no.	265-150-3				
Registration no.	01-2119457273-39				
Concentration	>= 1	<	10	%	

**Maximum amount used per time or activity**

Duration of exposure	<=	8	h/d
Frequency of exposure	<=	220	d/a

**Other relevant operational conditions**

Use: Room temperature  
 Drying and through-curing takes place at ambient temperature or at higher temperatures.  
 Volatile organic substances will volatilise into the atmospheric air inside. Read attached instructions before use.

**Product substance and product safety related measures**

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Trade name: Whittle Waxes Formula Treatex Hardwax Oil Matt 1100

Version: 11 / WORLD

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### Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Recommended Filter type: Respiratory protection mask with combination filter A/P2 **Hand protection**

Protective gloves complying with EN 374.

Glove material

Multilayer gloves made from

Appropriate Material Fluorinated rubber / butyl-rubber

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

### Eye protection

Wear eye glasses with side protection according to EN 166.

### Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

## Information on estimated exposure and downstream-user guidance

### Guidance for Downstream Users

The downstream user can evaluate whether he operates within the conditions set in the exposure scenario on the basis of the information supplied. This evaluation can be conducted by an expert or using the risk assessment tools recommended by ECHA.

## Annex to the extended Safety Data Sheet (eSDS)

### Short title of the exposure scenario

ES028 - Private households (= general public = consumers): roller application or brushing and other processing without aerosol formation (inside) **Use**

### of the substance/preparation

Surface treatment of wood and other materials

### Use

SU21	Consumer uses: Private households (= general public = consumers)
ERC8a	Wide dispersive indoor use of processing aids in open systems
ERC8c	Wide dispersive indoor use resulting in inclusion into or onto a matrix
PROC10	Roller application or brushing
PROCh01	Other processing without aerosol formation

## Contributing exposure scenario controlling environmental exposure

### Use

ERC8a	Wide dispersive indoor use of processing aids in open systems
ERC8c	Wide dispersive indoor use resulting in inclusion into or onto a matrix

### Physical form

liquid

Trade name: Whittle Waxes Formula Treatex Hardwax Oil Matt 1100

Version: 11 / WORLD  
Replaces Version: 10 / WORLD

Date created/revised: 03.11.16  
Print date: 15.09.16

## Hazardous ingredients

### naphtha hydrodesulfurized heavy

CAS No.	64742-48-9			
EINECS no.	265-150-3			
Registration no.	01-2119463258-33			
Concentration	>= 25	<	50	%

### alkanes, C11-14-iso-

CAS No.	90622-58-5			
Concentration	>= 10	<	25	%

### 2-ethylhexanoic acid zirconium salt

CAS No.	22464-99-9			
EINECS no.	245-018-1			
Registration no.	01-2119979088-21			
Concentration	>= 1	<	3	%

### naphtha hydrodesulfurized heavy

CAS No.	64742-48-9			
EINECS no.	265-150-3			
Registration no.	01-2119457273-39			
Concentration	>= 1	<	10	%

## Maximum amount used per time or activity

Emission days per site: <= 20

### Other relevant operational conditions

Use: Room temperature  
Drying and through-curing takes place at ambient temperature or at higher temperatures.  
Volatile organic substances will volatilise into the atmospheric air inside.  
The product should not be allowed to enter drains, water courses or the soil.

### Waste water

Do not flush into surface water or sanitary sewer system.

### Exhaust air

No special precautions required.

### Soil

Floor surfaces shall be liquid-proof. Protect floor with suitable covering plastic film / paper.

### Disposal recommendations for the product

EWC waste code 080111 - waste paint and varnish containing organic

Trade name: Whittle Waxes Formula Treatex Hardwax Oil Matt 1100

Version: 11 / WORLD  
 Replaces Version: 10 / WORLD

Date created/revised: 03.11.16  
 Print date: 15.09.16

solvents or other dangerous substances  
 200127 - paint, inks, adhesives and resins containing dangerous substances  
 Where possible recycling is preferred to disposal or incineration. Do not allow to enter drains or waterways. **modified product**

EWC waste code 080113 - sludges from paint or varnish containing organic solvents or other dangerous substances  
 080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

**Dried residues**

EWC waste code 080112 - waste lacquers and waste paint except those falling under 080111

**Disposal recommendations for packaging**

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances Empty remaining contents.  
 Empty containers should be taken to local recyclers for disposal.

**Contributing exposure scenario controlling consumer exposure Use**

SU21 Consumer uses: Private households (= general public = consumers)  
 PROC10 Roller application or brushing  
 PROCh01 Other processing without aerosol formation

**Physical form** liquid

**Hazardous ingredients**

**naphtha hydrodesulfurized heavy**

CAS No. 64742-48-9  
 EINECS no. 265-150-3  
 Registration no. 01-2119463258-33  
 Concentration >= 25 < 50 %

**alkanes, C11-14-iso-**

CAS No. 90622-58-5  
 Concentration >= 10 < 25 %

**2-ethylhexanoic acid zirconium salt**

CAS No. 22464-99-9  
 EINECS no. 245-018-1  
 Registration no. 01-2119979088-21  
 Concentration >= 1 < 3 %

Trade name: Whittle Waxes Formula Treatex Hardwax Oil Matt 1100

Version: 11 / WORLD

Date created/revised: 03.11.16

Replaces Version: 10 / WORLD

Print date: 15.09.16

### naphtha hydrodesulfurized heavy

CAS No. 64742-48-9

EINECS no. 265-150-3

Registration no. 01-2119457273-39

Concentration >= 1 < 10 %

### Maximum amount used per time or activity

Duration of exposure <= 4 h/d

Frequency of exposure <= 20 d/a

### Other relevant operational conditions

Use: Room temperature

Drying and through-curing takes place at ambient temperature or at higher temperatures. Volatile organic substances will volatilise into the atmospheric air inside.

### Product substance and product safety related measures

Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Do not eat, drink or smoke when using this product.

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Recommended Filter type: Respiratory protection mask with combination filter A/P2 Protective gloves complying with EN 374.

Glove material

Multilayer gloves made from

Appropriate Material Fluorinated rubber / butyl-rubber

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Wear eye glasses with side protection according to EN 166.

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

## Information on estimated exposure and downstream-user guidance

### Guidance for Downstream Users

The downstream user can evaluate whether he operates within the conditions set in the exposure scenario on the basis of the information supplied. This evaluation can be conducted by an expert or using the risk assessment tools recommended by ECHA.