

Safety data sheet in accordance with 91/155/EEC

Trade name : **Treatex® Hardwax Oil Traditional**
Product no.: 1100
Revised: 10.08.2001
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1. Identification of the substance/preparation and company

Product details

Treatex® Hardwax Oil Traditional

Recommended use

Surface treatment of wood and other materials

Supplier details :

Treatex Ltd

54, Sandford Lane Industrial Estate

Kennington

Oxford

OX1 5PR

Telephone no. : 01865 735353 Telefax : 01865 736673

Emergency telephone number : 0049 30 / 192 40

2. Composition/information on ingredients

Hazardous ingredients

- Designation of substance

EC number	CAS number	Concentration	Hazard symbols, R phrases
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- hydrocarbons isoparaffinic

297-629-8	93685-81-5	10 - 25 %	Xn 10-65
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- distillates, hydrotreated, light

265-149-8	64742-47-8	25 - 50 %	Xn 10-65-66
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- naphtha hydrodesulfurized heavy

265-185-4	64742-82-1	< 0.5 %	Xn,N 10-51/53-65
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Full text of R-phrases see under section 16.

3. Hazards identification

Special hints about risks for man and environment

Flammable.

Repeated exposure may cause skin dryness or cracking.

4. First aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

after inhalation

Ensure supply of fresh air.

Keep patient warm and at rest.

If breathing is irregular or stopped, administer artificial respiration.

If unconscious place in recovery position and seek medical advice.

after contact with skin

Remove contaminated clothes, underwear and shoes immediately.

Wash skin thoroughly with soap and water or use recognized skin cleanser.

Do NOT use solvents or thinners.

after contact with eyes

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

after ingestion

If accidentally swallowed obtain immediate medical attention.

Do not induce vomiting.

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5. Fire-fighting measures

Suitable extinguishing media

Alcohol-resistant foam

Carbon dioxide

Dry powder

Water spray (partly applicable)

Extinguishing media that must not be used for safety reasons

Full water jet

Special hazards from the material itself or its combustion products

Fire will produce dense black smoke.

Inhalation of dangerous decomposition products may cause severe health hazards.

Special protective equipment for fire-fighting procedures

Appropriate breathing apparatus may be required.

Cool closed containers exposed to fire with water.

6. Accidental release measures

Personal precautions

Keep away sources of ignition!

Ensure adequate ventilation.

Avoid inhalation of vapour!

Refer to protective instructions (see sections 7 and 8).

Environmental precautions

Do not allow to enter drains.

In case of penetration into waters, earth or sewers inform the appropriate authorities.

Methods for cleaning up/taking up

Soak up spillage with non-combustible absorbent material (e.g. sand, earth, kieselguhr, vermiculite) and collect in suitable containers for disposal according to the local regulations.

Cleaning preferably with detergents - avoid use of solvents.

7. Handling and storage

Handling

Advice on safe handling

Prevent the formation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.

The material should only be used in areas from which all naked lights, fire and other sources of ignition have been excluded.

Material may charge electrostatically: always use earthing leads when transferring from one container to another.

Operators should wear antistatic clothing and footwear.

No sparking tools should be used.

Avoid skin and eye contact.

Avoid inhalation of vapour and spray mist.

Smoking, eating and drinking should be prohibited in application area.

For personal protection see section 8.

Comply with the health and safety at work laws.

Advice on protection against fire and explosion

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The vapours of the product are heavier than air. They may bridge a considerable distance to any source of ignition. Vapours may form explosive mixtures with air. Must not be handled together with highly flammable materials (e.g. CN-lacquer) in the same cabin. => fire risk due to self-ignition!
Cloth contaminated with this product must be dried spread out in open air before disposal. otherwise heat accumulation can cause self-ignition.

Storage

Requirements for storage rooms and containers

Electrical equipment must be explosion protected according to the appropriate standards.

Floors should be of conducting type.

Keep container tightly closed.

Never use pressure to empty; container is not a pressure vessel!

No Smoking!

No unauthorized entry.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on storage compatibility

Keep away from strongly acid and strongly alkaline materials as well as from oxidizing agents.

Further informations on storage conditions

Always keep in containers of same material as the original one.

Pay attention to the advices on the label.

Keep container tightly closed in a cool, dry, well-ventilated place.

Protect from heat and direct sunlight.

Keep away from sources of ignition.

The quantity allowed to be kept at the working place is limited to the quantity required for continuance of work. Maximum quantity is the consumption for one day production.

8. Exposure controls/personal protection

Additional advice on system design

Provide adequate ventilation. This should be achieved by the use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of solvent vapour below the OEL-value, suitable respiratory protection must be worn.

Ingredients with occupational exposure limits to be monitored

- Designation of substance

CAS number	Type	Limit value	
- hydrocarbons isoparaffinic			
93685-81-5	MAK	200 ppm	1000 mg/m3
- distillates, hydrotreated, light			
64742-47-8	MAK	200 ppm	1000 mg/m3
- naphtha hydrodesulfurized heavy			
64742-82-1	MAK	70 ppm	350 mg/m3

Values according to the valid lists (e.g. TRGS 900 for Federal Republic of Germany).

Personal protective equipment

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Respiratory protection	In case of spray application by hand gas/particle combination filters are recommended (EN 141, 143, 371).
Hand protection	Wear suitable protective gloves (EN 374). Gloves of nitrile rubber are recommended. Observe instructions of the manufacturers and break-through terms. Replace damaged gloves immediately.
Eye protection	For protection against splashes wear goggles with lateral protection (EN 166).
Body protection	All parts of the body should be washed after contact.

9. Physical and chemical properties

Appearance

Form	liquid
Colour	colourless
Odour	characteristic

Flash point

35 until 55 °C

Density

0.906 kg/l

at 20 °C

Viscosity DIN 4 mm

54 until 58 sec
 at 20 °C

VOC-content

49.6 %

10. Stability and reactivity

hazardous reactions

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

hazardous decomposition products

When exposed to high temperatures hazardous decomposition products may be formed such as carbon monoxide and dioxide, nitrogen oxides, smoke.

11. Toxicological information

Remarks

The preparation is classified according to the calculation method of the directive 1999/45/EC.

Inhalation of solvents above the OEL-value may cause damages to health such as irritation of mucous membranes and respiratory tract and adverse effects on kidney, liver and central nervous system.

Signs and symptoms: headache, vertigo, tiredness, muscular weakness, daze and, in exceptional cases, unconsciousness.

Prolonged or repeated contact with the product may cause removal of natural fat from the skin resulting in drying-out.

The product can penetrate through the skin into the body.

The liquid splashed in the eyes may cause irritation and reversible damage.

further toxicological comments

According to our knowledge and informations on hand the product does not cause any health hazard, if handled properly and used as intended.

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12. Ecological information

Remarks

There are no data available on the preparation itself.
Do not empty into drains.

13. Advice on disposal

Product

Do not dispose together with household waste.
Codes of waste according to the European Waste Catalogue (EWC):
08 01 11 waste paint and varnish containing organic solvents or other dangerous substances
08 01 13 sludges from paint or varnish containing organic solvents or other dangerous substances
20 01 27 paint, inks, adhesives and resins containing dangerous substances

Uncleaned packaging

Containers must be completely emptied (spatula clean) before they can be reused. Disposal according to regulations!

14. Transport information

ADR/RID (Land transport)

UN 1263 Class 3 Packaging group: III

Proper shipping name

PAINT

Further information

Special provision 640E

IMDG-Code (Marine transport)

UN 1263 Class 3 Packaging group: III

Ems 3-05

Proper shipping name

PAINT

ICAO/IATA-DGR (Air transport)

UN 1263 Class 3 Packaging group: III

Proper shipping name

PAINT

15. Regulatory information

Labelling in accordance with GefStoffV/EC-directives

The product is classified and labelled in accordance with EC directives on dangerous substances.

R phrases

10 Flammable.

66 Repeated exposure may cause skin dryness or cracking.

Special labelling of certain preparations

Cloth contaminated with the product can catch fire when folded up.
Therefore it must be dried on a line or spread out before disposal.

National regulations (Germany):

Technical instructions on air quality control:

TA Luft	Class I:	0	%
	Class II:	0	%

Klassifizierung nach Betriebssicherheitsverordnung (BetrSichV)

Flammable.

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Water endangerment class (classification acc. VwVwS):

WGK 1: slightly water-endangering

16. Other information

asterisk (*) on left margin marks modification of previous version

R-phrases of the ingredients listed in chapter 2

10 Flammable.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed:

66 Repeated exposure may cause skin dryness or cracking.

These information are based on the present state of our knowledge.

They are meant as a description of the safety requirements of our product and are not to be considered as a guarantee of the product's properties.

Without authorization in writing the product may not be used for any other purpose. The user is responsible for the keeping of all relevant legal requirements.