

WOOD FLOOR HARD WAXOIL

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 02/12/2014

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Version: 4.0

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

1.1. Product identifier

Product form : Mixture
Name : WOOD FLOOR HARD WAXOIL

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

Use of the substance/mixture : Paste oil for parquet floors

1.3. Details of the supplier of the safety data sheet

BLANCHON S.A.
28, rue Charles-Martin
SAINT FONTS, 69190 - FRANCE
T +33 (0)4 72 89 06 06 - F +33 (0)4 78 67 12 31
fds@blanchon.com - www.blanchon.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Liq. 3 H226
Skin Sens. 1 H317
Carc. 2 H351
Repr. 2 H361
STOT SE 3 H336
Asp. Tox. 1 H304

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



GHS02

GHS07

GHS08

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H317 - May cause an allergic skin reaction
H336 - May cause drowsiness or dizziness
H351 - Suspected of causing cancer
H361 - Suspected of damaging fertility or the unborn child

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof lighting, ventilating, electrical equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing vapours
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves, protective clothing, eye protection, face protection
P301+P330+P331 - If swallowed: rinse mouth. Do not induce vomiting
P302+P352 - If on skin: Wash with plenty of soap and water
P304+P340 - If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing
P308+P313 - If exposed or concerned: Get medical advice/attention
P312 - Call a poison center/doctor/physician if you feel unwell
P321 - Specific treatment

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P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P370+P378 - In case of fire: Use carbon dioxide (CO₂), foam, hazy water, powder for extinction
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	(CAS No) 64742-48-9	> 50	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
2-butanone oxime	(CAS No) 96-29-7	< 1	Acute Tox. 2 (Dermal), H310 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351
2-ethylhexanoic acid, zirconium salt	(CAS No) 22464-99-9	< 1	Repr. 2, H361

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. If the person feel unwell, seek medical advice.
First-aid measures after skin contact : Remove all contaminated clothing and footwear. Rinse immediately with plenty of water. If case of redness or irritation, call a doctor.
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. If irritation persists, consult an eye specialist.
First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Transport to hospital immediately.

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

Symptoms/injuries after inhalation : Drowsiness. Headache. Nausea. Dizziness.
Symptoms/injuries after skin contact : Drying up of the skin. Dermatitis.
Symptoms/injuries after ingestion : Headache. Abdominal pain, nausea. Vomiting. Diarrhea.

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 : Water spray. Foam. Powder. Carbon dioxide (CO₂).

5.2. Special hazards arising from the chemicals

Fire hazard : Flammable liquid and vapour. Flammable or explosive vapour/air mixtures may be formed. During combustion : Toxic vapours may be released.
Reactivity : To our knowledge, the product does not present any particular risk, under normal conditions of use.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding.

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Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Access forbidden to unauthorised personnel. Remove all sources of ignition.

6.1.1. For non-emergency personnel

Protective equipment : Avoid contact with skin and eyes. Do not breathe vapours.

6.1.2. For emergency responders

Protective equipment : Only qualified personnel equipped with suitable protective equipment may intervene. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite kieselguhr, powdered limestone.

Methods for cleaning up : Wash contaminated area with large amounts of water. Dispose of contaminated materials in accordance with current regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Ensure good ventilation of the work station. Take all necessary technical measures to avoid or minimize the release of the product on the workplace.

Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Use non-sparking tools. Remove all sources of ignition.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not drink, eat or smoke in the workplace. Separate working clothes from town clothes. Launder separately.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition. Keep away from heat. Protect from freezing.

Incompatible products : Strong oxidizing agents.

Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Work in a well-ventilated area. Reduce the length of exposure and the quantity used to the minimum necessary. Do not expose pregnant or breastfeeding women. Do not expose particularly sensitive persons at risk.

Hand protection : Protective gloves.

Eye protection : Safety glasses.

Skin and body protection : Complete protective clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Fluid.

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Colour	: brown.
Odour	: Hydrocarbons.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: -20 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 21 - 55 °C
Self ignition temperature	: 200 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: < 110 kPa (50 °C)
Relative vapour density at 20 °C	: No data available
Relative density	: < 1
Solubility	: Water: Insoluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: 14 - 20,5 mm ² /s
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing material.
Explosive limits	: No data available

9.2. Other information

VOC content : 600 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

10.2. Chemical stability

Stable under use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

Flammable or explosive vapour/air mixtures may be formed.

10.4. Conditions to avoid

Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). Various hydrocarbon fragments.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
(Based on available data, the classification criteria are not met)

2-butanone oxime (96-29-7)	
ATE (dermal)	1100,000 mg/kg bodyweight
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9)	
LD50 oral rat	> 5000 mg/kg (OECD 401)
LD50 dermal rabbit	> 5000 mg/kg (OECD 402)
LC50 inhalation rat	> 4951 mg/m ³ (4h - OECD 403)

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Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/injuries after inhalation	: Drowsiness. Headache. Nausea. Dizziness.
Symptoms/injuries after skin contact	: Drying up of the skin. Dermatitis.
Symptoms/injuries after ingestion	: Headache. Abdominal pain, nausea. Vomiting. Diarrhea.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9)

LC50 fish	> 1000 mg/l (Onchorhynchus mykiss - 96h)
EC50 Daphnia	> 1000 mg/l (Daphnia magna, 48h)

12.2. Persistence and degradability

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9)

Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of in accordance with relevant local regulations.
Additional information : Empty the packaging completely prior to disposal. Recycle or dispose of in compliance with current legislation.

SECTION 14: Transport information

In accordance with DOT
Transport document description : UN1263 Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base), 3, III
UN-No.(DOT) : UN1263
DOT NA no. : UN1263
DOT Proper Shipping Name : Paint
including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base
Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

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Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : III - Minor Danger

DOT Special Provisions (49 CFR 172.102) : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.
B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T2 - 1.5 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / (1 + a (tr - tf))$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 150

DOT Packaging Non Bulk (49 CFR 173.xxx) : 173

DOT Packaging Bulk (49 CFR 173.xxx) : 242

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Additional information

Other information : No supplementary information available.

ADR

Transport document description : UN 1263 PAINT, 3, III, (D/E)

Packing group (ADR) : III

Class (ADR) : 3 - Flammable liquids

Hazard identification number (Kemler No.) : 33

Classification code (ADR) : F1

Danger labels (ADR) : 3 - Flammable liquids



Orange plates : An orange rectangular label with a black border. It is divided into two horizontal sections. The top section contains the number '33' and the bottom section contains the number '1263'.

Tunnel restriction code : D/E

LQ : 5L

Excepted quantities (ADR) : E1

Transport by sea

UN-No. (IMDG) : UN1263

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Class (IMDG) : 3 - Flammable liquids
MFAG-No : 127;128

Air transport

UN-No.(IATA) : UN1263
Class (IATA) : 3 - Flammable Liquids

SECTION 15: Regulatory information

15.1. US Federal regulations

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SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard
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2-butanone oxime (96-29-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

2-ethylhexanoic acid, zirconium salt (22464-99-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

2-butanone oxime (96-29-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

2-ethylhexanoic acid, zirconium salt (22464-99-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

2-butanone oxime (96-29-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

2-ethylhexanoic acid, zirconium salt (22464-99-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 H226
STOT SE 3 H336
Asp. Tox. 1 H304
EUH066

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Xn; R65
R10
R66
R67

Full text of R-phrases: see section 16

15.2.2. National regulations

No additional information available

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15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive toxicity

SECTION 16: Other information

Data sources : SDS of suppliers.

Full text of H-phrases: see section 16:

Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H310	Fatal in contact with skin
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
EUH066	Repeated exposure may cause skin dryness or cracking

HMIS III Rating

Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given
Flammability : 3 Serious Hazard
Physical : 0 Minimal Hazard
Personal Protection : G

SDS US (GHS HazCom 2012)

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. It should not therefore be construed as guaranteeing any specific property of the product