

1 Identification

- **Product identifier**
- **Trade name:** FIX.OIL
- **Article number:** 507104
- **Relevant identified uses of the substance or mixture and uses advised against**
Highly resistant oil for wood floors
- **Manufacturer/Supplier:**

Vermeister S.p.A.
Loc. Fornaci
I-24050 Mornico al Serio (Bergamo)
Tel.+39/035.4428190 Fax:+39/035.4428075
e-mail:info@vermeister.com
- **Emergency telephone number:** Call Infotrac at 1 800 535 5053 (24-hour emergency telephone number)

2 Hazard(s) identification

- **Classification of the substance or mixture**
Flammable Liquids - Category 4 H227 Combustible liquid.
- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** Void
- **Signal word** Warning
- **Hazard statements**
Combustible liquid.
- **Precautionary statements**
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
In case of fire: Use for extinction: CO₂, powder or water spray.
Store in a well-ventilated place.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Hazard description:**
- **WHMIS-symbols:**
B3 - Combustible liquid
D2A - Very toxic material causing other toxic effects



- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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 · **vPvB:** Not applicable.

3 Composition/information on ingredients

 · **Chemical characterization:** Mixtures

 · **Description:**

Mixture of hazardous substances according to Reg. (EC) No. 1272/2008 and further modifications listed below

 · **Dangerous components:**

| | | |
|------------|---|------------|
| 64742-48-9 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 30-60% w/w |
| | ⚠ Aspiration Hazard - Category 1, H304 | |
| 112-34-5 | 2-(2-butoxyethoxy)ethanol | 1-5% w/w |
| | ⚠ Eye Irritation - Category 2, H319 | |

4 First-aid measures

 · **Description of first aid measures**

 · **After inhalation:** Supply fresh air; consult doctor in case of complaints.

 · **After skin contact:** Generally the product does not irritate the skin.

 · **After eye contact:** Rinse opened eye for several minutes under running water.

 · **After swallowing:** If symptoms persist consult doctor.

 · **Information for doctor:**

 · **Most important symptoms and effects, both acute and delayed** No further relevant information available.

 · **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

 · **Extinguishing media**

 · **Suitable extinguishing agents:**

 CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

 · **Special hazards arising from the substance or mixture** No further relevant information available.

 · **Advice for firefighters**

 · **Protective equipment:** No special measures required.

6 Accidental release measures

 · **Personal precautions, protective equipment and emergency procedures** Not required.

 · **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

 · **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

 · **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
*Open and handle receptacle with care.
 Prevent formation of aerosols.*
- **Information about protection against explosions and fires:** *Keep respiratory protective device available.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *None.*
- **Specific end use(s)** *No further relevant information available.*

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** *No further data; see item 7.*
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** *The lists that were valid during the creation were used as basis.*
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
*Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Store protective clothing separately.*
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/
 the chemical mixture.*

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**

| | |
|--------------------------|-----------------|
| · Form: | Fluid |
| · Color: | Clear |
| · Odor: | Characteristic |
| · Odor threshold: | Not determined. |

· **pH-value:** Not determined.· **Change in condition**

| | |
|---------------------------------------|---------------|
| · Melting point/Melting range: | Undetermined. |
| · Boiling point/Boiling range: | 235 °C |

· **Flash point:** >60 °C· **Flammability (solid, gaseous):** Not applicable.· **Ignition temperature:**· **Decomposition temperature:** Not determined.· **Auto igniting:** Product is not selfigniting.· **Danger of explosion:** Not determined.· **Explosion limits:**

| | |
|-----------------|-----------------|
| · Lower: | Not determined. |
| · Upper: | Not determined. |

· **Vapor pressure:** Not determined.· **Density at 20 °C:** 0.88 g/cm³· **Relative density:** Not determined.· **Vapor density:** Not determined.· **Evaporation rate:** Not determined.· **Partition coefficient (n-octanol/water):** Not determined.· **Viscosity:**· **Dynamic:** Not determined.· **Kinematic at 40 °C:** 50 mm²/s· **Other information:** No further relevant information available.

10 Stability and reactivity

· **Reactivity:** No further relevant information available.· **Chemical stability:**· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.· **Possibility of hazardous reactions:** No dangerous reactions known.· **Conditions to avoid:** No further relevant information available.· **Incompatible materials:** No further relevant information available.

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· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****64742-95-6 Solvent naphtha (petroleum), light arom.**

| | | |
|------------|----------|--------------------|
| Oral | LD50 | >6800 mg/kg (rat) |
| Dermal | LD50 | >3400 mg/kg (rab) |
| Inhalative | LC50/4 h | >10.2 mg/l (rat) |
| | EC50 | 1-2.5 mg/l (Algae) |

· **Primary irritant effect:**· **on the skin:** No irritant effect.· **on the eye:** No irritating effect.· **Sensitization:** No sensitizing effects known.· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Carcinogenic.

The product can cause inheritable damage.

· **Carcinogenic categories**

| · IARC (International Agency for Research on Cancer) | | |
|---|--------------------------------------|----|
| 9002-88-4 | Polyethylene wax | 3 |
| 7631-86-9 | silicon dioxide, chemically prepared | 3 |
| 1330-20-7 | xylene | 3 |
| 64-17-5 | ethanol | 1 |
| 100-41-4 | ethylbenzene | 2B |
| 67-63-0 | 2-propanol | 3 |

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

Ecological data about the product: not available.

· **Toxicity**· **Aquatic toxicity:****64742-95-6 Solvent naphtha (petroleum), light arom.**

| | |
|------------|---|
| LC50 (96h) | 41-45 mg/l (<i>Pimephales promelas</i>) |
| | 2.34 mg/l (<i>Oncorhynchus mykiss</i>) |

· **Persistence and degradability** No further relevant information available.· **Behavior in environmental systems:**· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.· **Additional ecological information:**· **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

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Do not allow product to reach ground water, water course or sewage system.
 Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

Waste treatment methods
Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:** Empty containers should be disposed or recovered.
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

UN-Number

· **DOT, TDG, IMDG, IATA** Void

UN proper shipping name

· **DOT, TDG, IMDG, IATA** Void

Transport hazard class(es)

· **DOT, TDG, ADN**

· **Class** Void

Packing group

· **DOT, TDG, IMDG, IATA** Void

Environmental hazards:

Not applicable.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

UN "Model Regulation":

Void

15 Regulatory information

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

Reg. (EC) No.1907/2006 (REACH) and further modifications;

Reg. (EC) No. 1272/2008 (CLP) and further modifications;

Dir. 2004/42/EC (VOC), if applicable.

Sara
Section 355 (extremely hazardous substances):

None of the ingredient is listed.

Section 313 (Specific toxic chemical listings):

112-34-5 2-(2-butoxyethoxy)ethanol

1330-20-7 xylene

100-41-4 ethylbenzene

67-63-0 2-propanol

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· **Proposition 65**· **Chemicals known to cause cancer:**

100-41-4 ethylbenzene

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

64-17-5 ethanol

· **Carcinogenity categories**· **EPA (Environmental Protection Agency)**

1330-20-7 xylene

I

100-41-4 ethylbenzene

D

· **TLV (Threshold Limit Value established by ACGIH)**

1330-20-7 xylene

A4

64-17-5 ethanol

A3

100-41-4 ethylbenzene

A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **Canadian substance listings:**· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

112-34-5 2-(2-butoxyethoxy)ethanol

7631-86-9 silicon dioxide, chemically prepared

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms** Void· **Signal word** Warning· **Hazard statements**

Combustible liquid.

· **Precautionary statements**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Wear protective gloves/protective clothing/eye protection/face protection.

In case of fire: Use for extinction: CO₂, powder or water spray.

Store in a well-ventilated place.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment** not available· **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation.

Exceptions can be made by the authorities in certain cases.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 06/17/2016 / -· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

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Safety Data Sheet
acc. to OSHA HCS

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IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health

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