

SAFETY DATA SHEET
according to 1907/2006/EC, Article 31
**Renewer oil for hardwax-oiled
hardwood floors**



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

1.1 Product identifier

· **Trade name:** Renewer oil for oiled and hardwax-oiled hardwood floors

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

Paint product

1.3 Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

COSWICK Ltd.

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Republic of Belarus, 223034

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2 Hazards identification

2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) № 1272/2008 [CLP]:**

Xn; R65 Harmful Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

Supplemental Hazard information (EU)

EUH208 Contains phthalic anhydride; Cobaltbis(-ethylhexanoat). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

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

This preparation is classified as dangerous according to 1999/45/EC.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements

· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Special provisions concerning the labelling of certain mixtures

99 Contains phthalic anhydride; Cobaltbis(-ethylhexanoat). May produce an allergic reaction.



Flammable

· **Other hazards**

· **Results of PBT and vPvB assessment**

· PBT: Not applicable.

· vPvB: Not applicable.

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3 Composition/information on ingredients

3.1 Chemical characterization: Mixtures

- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** Void

CAS: 64742-48-9	01-2119457273-39 Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics Asp. Tox. 1 H304	20-35%
CAS: 22464-99-9	Alkanes, C11-15-iso- Asp. Tox. 1 H304 01-2119979088-21 2-ethylhexanoic, zirconium Repr. 2 H361	20-35% 0,3-0,5%

Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

4.1 Description of first aid measures

- **General information:** In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.
- **After inhalation:** Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.
- **After skin contact:** Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.
- **After eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.
- **After swallowing:** If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.
- **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 Firefighting measures

5.1 Extinguishing media

- **Suitable extinguishing agents:**
alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

5.2 Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3 Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.

6.2 Environmental precautions:

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up:

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

6.4 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.

7 Handling and storage

7.1 Handling:

· Precautions for safe handling

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

· Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

7.2 Storage:

· Requirements to be met by storerooms and receptacles:

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".

· Information about storage in one common storage facility:

Keep away from strongly acidic and alkaline materials as well as oxidizers.

· Further information about storage conditions: None.

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

· Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

8.1 Additional information about design of technical facilities: No further data; see item 7.

8.2 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

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**DNEL:**

2-ethylhexanoic, zirconium

EC No. 245-018-1 / CAS No. 22464-99-9

DNEL long-term dermal (systemic), Workers: 6,49 mg/kg

DNEL long-term inhalative (systemic), Workers: 32,97 mg/m³

DNEL long-term oral (repeated), Consumer: 4,51 mg/kg

DNEL long-term dermal (systemic), Consumer: 3,25 mg/kg

DNEL long-term inhalative (systemic), Consumer: 8,13 mg/m³**PNEC:**

2-ethylhexanoic, zirconium

EC No. 245-018-1 CAS No. 22464-99-9

PNEC aquatic, freshwater: 0,36 mg/L

PNEC aquatic, marine water: 0,036 mg/L

PNEC sediment, freshwater: 6,37 mg/kg

PNEC sediment, marine water: 0,637 mg/kg

PNEC, Soil: 1,06 mg/kg

PNEC sewage treatment plant (STP): 71,7 mg/L

8.3 Exposure controls**· Personal protective equipment:**

- **Respiratory protection:** If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

· Protection of hands:

- **Material of gloves** Butyl rubber, nitrile rubber

- **Eye protection:** Safety glasses

- **Body protection:** Protective work clothing

9 Physical and chemical properties**9.1 Information on basic physical and chemical properties****· General Information****· Appearance:**

- Form: liquid
- Colour: Colourless
- Odour: characteristic
- Odour threshold: Not determined.
- **pH-value:** Not determined.

· Change in condition*Melting point/Melting range:* Not determined.*Boiling point/Boiling range:* Not determined.

- **Closed-cup flash point:** 49,53 °C

- **Opened-cup flash point:** 59 °C

- **Flammability (solid,**

gaseous):

- **Ignition temperature:** Not determined.

- *Decomposition temperature:* Not determined.

- **Self-igniting:** 270 °C

- **Danger of explosion:** Product does not present an explosion hazard.

· Explosion limits:*Lower:* Not determined.*Upper:* Not determined.

- **Vapour pressure:** Not determined.

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· Density at 20°C:	0.90 g/cm ³
· <i>Relative density</i>	Not determined.
· <i>Vapour density</i>	Not determined.
· <i>Evaporation rate</i>	Not determined.
· Solubility in / Miscibility with water:	insoluble
· Segregation coefficient (n-octanol/water):	Not determined.
Viscosity at 20 °C:	45s 4mm
<i>Organic solvents:</i>	47%
9.2 Other information	No further relevant information available.

10 Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions

10.4 Conditions to avoid

No further relevant information available.

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

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11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Toxicological data are not available.

Irritant and corrosive effects

Toxicological data are not available.

Sensitisation

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Other observations:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this preparation do not meet the criteria for classification as CMR category 1 or 2 according to 67/548/EEC.

There is no information available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

12 Ecological information

12.1 Toxicity

· **Aquatic toxicity:** No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Behaviour in environmental systems:

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

12.4 Additional ecological information:

· **General notes:** Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

12.6 Other adverse effects No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods

· Recommendation

Do not allow product to reach sewage system.

Disposal should be in accordance with local, state or national legislation.

13.2 Uncleaned packaging:

· Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Disposal must be made according to official regulations

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14 Transport information

14.1 UN-Number

· ADR, IMDG, IATA UN1993

UN proper shipping name

- ADR 1993 FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C10-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics),
- IMDG FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C10-C15, nalkanes, isoalkanes, cyclics, <2% aromatics, Polymer)
- IATA FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C10-C15, nalkanes, isoalkanes, cyclics, <2% aromatics)

· Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class	3 Flammable liquids.
Label	3



· Packing group

ADR, IMDG, IATA III

· Environmental hazards:

Marine pollutant:

· Special precautions for user

Special precautions for user **Warning:** Flammable liquids.

- Danger code (Kemler): 30
- EMS Number: F-E,S-E
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
- Transport/Additional information:
 - Transport category 3
 - Tunnel restriction code D/E

15 Regulatory information

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

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

Relevant R-and H-phrases (Number and full text):

Asp. Tox. 1 / H304 Aspiration hazard May be fatal if swallowed and enters airways.

Repr. 2 / H361 Reproductive toxicity Suspected of damaging the unborn child.

Xn; R65 Harmful Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

- **Department issuing MSDS:** Marketing and advertising Department
- **Contact:** Kuzmich Veranika kuzmichvn@coswick.org

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· Abbreviations and acronyms:

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

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals