

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

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

1.1. Product identifier

Hesse WETPROTECT-OIL OE 52068

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

1.3. Details of the supplier of the safety data sheet

Manufacturer

Hesse GmbH & Co. KG
Warendorfer Strasse 21
59075 Hamm (Germany)
Telephone no. +49 (0) 2381 963-00
Fax no. +49 (0) 2381 963-849
E-mail address ps@hesse-lignal.de

1.4. Emergency telephone number

Germany: +49 (0) 2381 788-612

2. Hazards identification

2.1. Classification of the substance or mixture

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

Classification (Regulation (EC) No. 1272/2008)
Skin Sens. 1 H317
Asp. Tox. 1 H304

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

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H317 May cause an allergic skin reaction.
H304 May be fatal if swallowed and enters airways.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P308+P313 IF exposed or concerned: Get medical advice/ attention.
 P331 Do NOT induce vomiting.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains tung oil; Hydrocarbons, C11-C13, isoalkanes, <2% aromatics; alkanes, cycloalkanes, C11-14-iso-; Naphtha (petroleum), hydrotreated 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.

3. Composition/information on ingredients**Hazardous ingredients****tung oil**

| | | | | |
|--|--------------|--|--|------|
| CAS No. | 8001-20-5 | | | |
| EINECS no. | 232-272-3 | | | |
| Concentration | >= 50 | | | % |
| Classification (Regulation (EC) No. 1272/2008) | Skin Sens. 1 | | | H317 |

alkanes, cycloalkanes, C11-14-iso-

| | | | | |
|--|------------------|---|----|------|
| EINECS no. | 927-285-2 | | | |
| Registration no. | 01-2119480162-45 | | | |
| Concentration | >= 10 | < | 25 | % |
| Classification (Regulation (EC) No. 1272/2008) | Asp. Tox. 1 | | | H304 |

Naphtha (petroleum), hydrotreated heavy

| | | | | |
|--|------------------|---|----|------|
| CAS No. | 64742-48-9 | | | |
| EINECS no. | 919-857-5 | | | |
| Registration no. | 01-2119463258-33 | | | |
| Concentration | >= 10 | < | 25 | % |
| Classification (Regulation (EC) No. 1272/2008) | Asp. Tox. 1 | | | H304 |

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

| | | | | |
|--|------------------|---|----|----------------|
| CAS No. | 246538-78-3 | | | |
| EINECS no. | 920-901-0 | | | |
| Registration no. | 01-2119456810-40 | | | |
| Concentration | >= 1 | < | 10 | % |
| Classification (Regulation (EC) No. 1272/2008) | Asp. Tox. 1 | | | H304 EUH066 |

4. First aid measures**4.1. Description of first aid measures**

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

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.

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.

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, CO₂, 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. Standard procedure for chemical fires.

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Do not inhale vapours. Do not

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

inhale gases. Do not inhale mist.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Do not allow to enter soil, waterways or waste water canal. 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 and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Do NOT use solvents or thinners. Send in suitable containers for recovery or 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. Avoid inhalation of vapour and 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 can form an explosive mixture 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. Keep only in the original container in a cool, well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Storage classes

Storage class according to TRGS 510 10 Flammable liquids

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.

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

7.3. Specific end use(s)

See exposure scenario, if available.

8. Exposure controls/personal protection**8.1. Control parameters****Other information**

-

8.2. Exposure controls**Exposure controls**

Users are advised to consider national Occupational Exposure Limits or other equivalent values. 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

Respiratory protection not applicable; Use breathing apparatus if exposed to vapours/dust/aerosol.
 Recommended Filter type: Respiratory protection mask with combination filter A/P2

Hand protection

Protective gloves complying with EN 374.

Glove material

Appropriate Material Nitrile rubber

Material thickness >= 0,4 mm

Breakthrough time >= 30 min

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 instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

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.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

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 | not determined |

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

Melting point

Remarks not determined

Freezing point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash point

Value > 60 °C

Evaporation rate

Remarks not determined

Flammability (solid, gas)

not determined

Upper/lower flammability or explosive limits

Remarks not determined

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

DensityValue appr. 0,891 kg/l
Temperature 20 °C**Solubility in water**

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

Remarks not determined

Efflux time ***Value 40 to 60 s
Temperature 20 °C
Method DIN EN ISO 2431 - 4 mm**Explosive properties**

evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

Non-volatile content

| | | |
|--------|------------------|---|
| Value | 65,7 | % |
| Method | calculated value | |

Other information

This information is not available.

10. Stability and reactivity**10.1. Reactivity**

Stable under recommended storage and handling conditions (see section 7).

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

Isolate from sources of heat, sparks and open flame.

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 productsCarbon monoxide and carbon dioxide, nitrous oxides (NO_x), dense black smoke, No decomposition if used as prescribed.**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Acute dermal toxicity

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Acute inhalational toxicity

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Skin corrosion/irritation

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Serious eye damage/irritation

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Sensitization

| | |
|------------|--|
| evaluation | May cause sensitization by skin contact. |
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | The classification criteria are met. |

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

Sensitization (Components)**tung oil**

evaluation

May cause sensitization by skin contact.

Mutagenicity

Method

Calculation method (Regulation (EC) No. 1272/2008)

Remarks

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

Reproductive toxicity

Method

Calculation method (Regulation (EC) No. 1272/2008)

Remarks

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

Carcinogenicity

Method

Calculation method (Regulation (EC) No. 1272/2008)

Remarks

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

Specific Target Organ Toxicity (STOT)**Single exposure**

Method

Calculation method (Regulation (EC) No. 1272/2008)

Remarks

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

Repeated exposure

Remarks

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

Aspiration hazard

The classification criteria are met.

Harmful: may cause lung damage if swallowed.

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.

Fish toxicity (Components)**Hydrocarbons, C11-C13, isoalkanes, <2% aromatics**

Species

Fish

LC50/EC50/IC50/LL50/EL5 > 100

mg/l

0

Duration of exposure = 96 h

12.2. Persistence and degradability**General information**

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

Biodegradability (Components)**Hydrocarbons, C11-C13, isoalkanes, <2% aromatics**

evaluation

Not readily biodegradable.

12.3. Bioaccumulative potential**General information**

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

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

Partition coefficient: n-octanol/water

Remarks not determined

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

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

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

14. Transport information

| | Land transport ADR/RID | Marine transport IMDG/GGVSee | Air transport ICAO/IATA |
|------------------------|--|--|--|
| 14.1. UN number | Not classified as dangerous in the meaning of transport regulations. | Not classified as dangerous in the meaning of sea and air transport regulations. | Not a dangerous substance as defined in the above regulations. |

15. Regulatory information ***

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

VOC ***

VOC (EU) 34,3 % 305 g/l

Other information

All components are contained in the TSCA inventory or exempted.

15.2. Chemical safety assessment

Trade name: Hesse WETPROTECT-OIL OE 52068

Version: 11 / WORLD

Revision: 06.01.2022

Replaces Version: 10 / WORLD

Print date: 07.01.22

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. |
| H304 | May be fatal if swallowed and enters airways. |
| H317 | May cause an allergic skin reaction. |

CLP categories listed in Chapter 3

| | |
|--------------|--------------------------------|
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Skin Sens. 1 | Skin sensitization, Category 1 |

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.