

Safety data sheet
according to UK REACH

Printing date 09.05.2025

Version number 1

Revision: 09.05.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**Trade name **HOLZ- & WPC-REINIGER**

Article number: 1344

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

No further relevant information available.

Application of the substance / the mixture

Coating compound/ Surface coating/ paint

Coating

Cleaning agent/ Cleaner

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

Remmers GmbH

Bernhard-Remmers-Str. 13

D-49624 Lönningen / Germany

Tel.: +49(0)5432/83-0

Fax: +49(0)5432/3985

Information department:

fon +44 (0) 333 034 8126

Email: remmers.sales.uk@remmers.com

Remmers (UK) Limited
Suites 1 & 2 · The Gardens · Coleshill Manor Office Campus
South Drive · Coleshill · Birmingham · B46 1DL
fon +44 (0) 333 034 8126**1.4 Emergency telephone number:**

National Poisons Information Service (NPIS):

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

24h-Transport Emergency Contact Phone Number:

within USA and Canada: 1-800-424-9300

outside USA and Canada: 001-703-527-3887

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms

GHS07

Signal word Warning**Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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P102 Keep out of reach of children.
 P103 Read carefully and follow all instructions.
 P264 Wash contaminated body parts thoroughly after handling.
 P280 Wear protective gloves / eye protection / face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P337+P313 If eye irritation persists: Get medical advice/attention.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Determination of endocrine-disrupting properties** Not applicable.* **SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture of the substances listed below with harmless additions.

| Dangerous components [% w/w]: | | |
|--|---|----------|
| CAS: 112-34-5 EINECS: 203-961-6 Index number: 603-096-00-8 Reg.nr.: 01-2119475104-44-XXXX | 2-(2-butoxyethoxy)ethanol ----- Eye Irrit. 2, H319 | ≥10-<20% |
| CAS: 141-43-5 EINECS: 205-483-3 Index number: 603-030-00-8 Reg.nr.: 01-2119486455-28-XXXX | 2-aminoethanol ----- Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335; Aquatic Chronic 3, H412 ATE: LC50/4 h inhalative: 11 mg/l Specific concentration limit: STOT SE 3; H335: C ≥ 5 % | ≥2.5-<5% |

Regulation (EC) No 648/2004 on detergents / Labelling for contents

| | |
|-----------------------|------------|
| non-ionic surfactants | ≥15 - <30% |
|-----------------------|------------|

Additional information For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

If symptoms occur or in case of doubt, seek medical attention. In case of unconsciousness, do not administer anything orally.

Immediately remove any clothing soiled by the product.

After inhalation In case of unconsciousness bring patient into stable side position for transport.

After skin contact

Wash immediately with water and soap and rinse thoroughly.

Wash off immediately with water.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

symptomatic treatment

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents**

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

For safety reasons unsuitable extinguishing agents not relevant

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

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5.3 Advice for firefighters**Protective equipment:** No special measures required.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures** Not required.**6.2 Environmental precautions:** No special measures required.**6.3 Methods and material for containment and cleaning up:**

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

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 information on disposal.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

No special measures required.

No special precautions necessary if used correctly.

7.2 Conditions for safe storage, including any incompatibilities**Storage****Requirements to be met by storerooms and containers:** No special requirements.**Further information about storage conditions:** Keep container tightly closed.**7.3 Specific end use(s)** not relevant**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

| Components with limit values that require monitoring at the workplace: | |
|---|--|
| CAS: 112-34-5 2-(2-butoxyethoxy)ethanol | |
| WEL | Short-term value: 101.2 mg/m ³ , 15 ppm Long-term value: 67.5 mg/m ³ , 10 ppm |
| CAS: 141-43-5 2-aminoethanol | |
| WEL | Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm |
| | Sk |

Additional information: The lists that were valid during compilation were used as a basis.**8.2 Exposure controls****Appropriate engineering controls** No further data; see section 7.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures**

Keep away from food, beverages and animal feed.

Immediately remove soiled, saturated clothing.

Wash hands before pauses and after work.

Avoid contact with eyes and skin.

The following indication regarding the personal protective equipment are to be considered as suggestions. The selection of the necessary personal protective equipment is to be evaluated by the employer depending on the types of operations and the local circumstances. If a risk assessment on-site shows that there is no risk for employees, the personal protective equipment is not required or the amount of the PPE can be adapted accordingly.

Respiratory equipment: not required.**Hand protection**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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

Material of gloves

Nitrile rubber, NBR

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.

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Penetration time of glove material

Break through time: max. 240 min (DIN EN 374).

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection Tightly sealed safety glasses.**Body protection:** not necessary for normal use**Environmental exposure controls**

Use suitable containers to avoid contamination of the environment. Prevent from entering the sewage system or into surface and ground water. Information on limiting and monitoring environmental exposure can be found in section 6 can be found in section 6.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information**

| | |
|---|----------------------------------|
| Physical state | Liquid |
| Colour: | clear |
| Odour: | Mild |
| Odour threshold: | Not determined. |
| Melting point/freezing point: | Not determined |
| Boiling point or initial boiling point and boiling range | 100 °C (CAS: 7732-18-5 Water) |
| Flammability | Not applicable. |
| Lower and upper explosion limit | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| Flash point: | >60 °C |
| Auto-ignition temperature: | not applicable |
| Decomposition temperature: | Not determined. |
| pH | Not determined. |
| Viscosity: | |
| Kinematic viscosity | Not determined. |
| dynamic: | Not determined. |
| Solubility | |
| Water: | Not miscible or difficult to mix |
| Partition coefficient n-octanol/water (log value) | Not determined. |
| Vapour pressure at 20 °C: | 23 hPa (CAS: 7732-18-5 Water) |
| Density and/or relative density | |
| Density at 20 °C: | 0.98 g/cm ³ |
| Relative density | Not determined. |
| Vapour density | Not determined. |

9.2 Other information

| | |
|--|---------------------------|
| Appearance: | |
| Form: | Fluid |
| Important information on protection of health and environment, and on safety. | |
| Explosive properties: | Product is not explosive. |
| Solvent separation test | < 3 % |
| Organic solvents: | 21.8 % |
| VOC EU | 213.5 g/l |
| Solid content: | 2.5 % |
| Change in condition | |
| Evaporation rate | Not determined. |

Information with regard to physical hazard

| | |
|------------------------|------|
| classes | |
| Explosives | Void |
| Flammable gases | Void |
| Aerosols | Void |
| Oxidising gases | Void |

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| | |
|--|------|
| Gases under pressure | Void |
| Flammable liquids | Void |
| Flammable solids | Void |
| Self-reactive substances and mixtures | Void |
| Pyrophoric liquids | Void |
| Pyrophoric solids | Void |
| Self-heating substances and mixtures | Void |
| Substances and mixtures, which emit flammable gases in contact with water | Void |
| Oxidising liquids | Void |
| Oxidising solids | Void |
| Organic peroxides | Void |
| Corrosive to metals | Void |
| Desensitised explosives | Void |

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

LD/LC50 values that are relevant for classification:

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

| | | |
|------|------|-------------------|
| Oral | LD50 | 5,660 mg/kg (rat) |
|------|------|-------------------|

| | | |
|--------|------|----------------------|
| Dermal | LD50 | 4,000 mg/kg (rabbit) |
|--------|------|----------------------|

CAS: 141-43-5 2-aminoethanol

| | | |
|------|------|-------------------|
| Oral | LD50 | 2,050 mg/kg (rat) |
|------|------|-------------------|

| | | |
|--------|------|----------------------|
| Dermal | LD50 | 1,000 mg/kg (rabbit) |
|--------|------|----------------------|

| | | |
|------------|----------|---------------|
| Inhalative | LC50/4 h | 11 mg/l (ATE) |
|------------|----------|---------------|

Specific symptoms in animal assay:

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

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

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

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

11.2 Information on other hazards

3 Endocrine disrupting properties

None of the ingredients is listed.

SECTION 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 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

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12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects No further relevant information available.**Additional ecological information:****General notes:** Do not allow product to reach ground water, bodies of water or sewage system.**SECTION 13: Disposal considerations****Recommendation**

The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

European waste catalogue

20 01 29* | detergents containing hazardous substances

Uncleaned packaging:**Recommendation:**

Disposal must be made according to official regulations.

Packaging can be reused or recycled after cleaning.

SECTION 14: Transport information**14.1 UN number or ID number****ADR, IMDG, IATA**

Void

14.2 UN proper shipping name**ADR, IMDG, IATA**

Void

14.3 Transport hazard class(es)**ADR, ADN, IMDG, IATA****Class**

Void

14.4 Packing group**ADR, IMDG, IATA**

Void

14.5 Environmental hazards:**Marine pollutant:**

No

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to**IMO instruments**

Not applicable.

UN "Model Regulation":

Void

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Poisons Act****Regulated explosives precursors**

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

Directive 2012/18/EU**Named dangerous substances - ANNEX I** None of the ingredients is listed.

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REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 55

| |
|---|
| DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II |
|---|

None of the ingredients is listed.

| |
|----------------------------------|
| REGULATION (EU) 2019/1148 |
|----------------------------------|

| |
|---|
| Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)) |
|---|

None of the ingredients is listed.

| |
|--|
| Annex II - REPORTABLE EXPLOSIVES PRECURSORS |
|--|

None of the ingredients is listed.

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

| |
|--------------------------------------|
| SECTION 16: Other information |
|--------------------------------------|

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

Relevant phrases

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

Calculation method

On basis of test data

| | |
|--|--|
| Skin corrosion/irritation Serious eye damage/irritation | The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008. |
|--|--|

Department issuing data specification sheet: Product Safety department / EHS**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the previous version altered.**

This document replaces all previous versions. The information in this safety data sheet corresponds to our current state of knowledge and complies with national and EU legislation. However, the given working conditions of the user are beyond our knowledge and control. The product must not be used for purposes other than those specified in section 1 without written authorization. The user is responsible for compliance with all necessary legal regulations. The information in this safety data sheet describes the safety requirements of our product and does not constitute a guarantee of product properties. We accept no liability for errors in the printed form.