

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 11-Nov-2019

Print date: 11-Nov-2019

Version: 1.1

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Handreinigungstücher

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

1.1 Product identifier

Trade name/designation:

Handreinigungstücher

Article No.:

HRT-150

Additional information:

Voluntary safety information following the Safety Data Sheet format according to Regulation (EC) No. 1907/2006 (REACH). As a cosmetic this product is not subject to Regulation (EC) no. 1272/2008 [CLP] and do not require labeling according this regulation.

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

Use of the substance/mixture:

hand cleaner, wet tissues.

For professional use only.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

ProGlass GmbH

Michael-Becker-Str. 2

73235 Weilheim an der Teck

GERMANY

Telephone: +49 7023 90013-0

Telefax: +49 7023 90013-23

E-mail: info@proglass.de

Website: www.proglass.de

E-mail (competent person): info@proglass.de

1.4 Emergency phone number

24h: +49 551 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3 Other hazards

Adverse physicochemical effects:

Can become highly flammable in use.

Adverse human health effects and symptoms:

May cause eye irritation.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Description:

Ethanol, additives in aqueous solution

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Ingredients:

Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Content
CAS No.: 64-17-5 EC No.: 200-578-6 REACH No.: 01-2119457610-43	Ethanol Eye Irrit. 2, Flam. Liq. 2   Danger H225-H319	1 - 10 Wt %
CAS No.: 68439-46-3 REACH No.: 01-2119980051-45	Alcohols, C9-11, ethoxylated Acute Tox. 4, Eye Dam. 1   Danger H302-H318	< 3 Wt %

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended. Get medical advice/attention if you feel unwell.

Following inhalation:

Provide fresh air.

In case of skin contact:

Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

After eye contact:

In case of contact with eyes, rinse thoroughly with water. In case of eye irritation consult an ophthalmologist.

After ingestion:

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause skin irritation. May cause eye irritation.

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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture

The product itself does not burn. Can become flammable in use.

Hazardous combustion products:

In case of fire may be liberated: Gases/vapours, toxic

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Personal precautions:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Remove persons to safety.

Protective equipment:

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

6.1.2 For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

For cleaning up:

Water with tenside additive

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

6.5 Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Advices on safe handling:

Provide adequate ventilation. Remove contaminated, saturated clothing. Wear personal protection equipment (refer to section 8).

Fire prevent measures:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Remove persons to safety.

Environmental precautions:

Discharge into the environment must be avoided.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Wash hands and face before breaks and after work and take a shower if necessary. Apply skin care products after work.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep in a cool, well-ventilated place.

Conditions to avoid: Frost, Heat.

Requirements for storage rooms and vessels:

Floors should be impervious, resistant to liquids and easy to clean. Keep/Store only in original container.

Hints on storage assembly:

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

Recommendation:

hand cleaner, wet tissues.

Observe instructions for use.

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SECTION 8: Exposure controls / Personal protection

8.1 Control parameters

8.1.1 Occupational exposure limit values

Limit value type (country)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	Ethanol CAS No.: 64-17-5	① 1,000 ppm (1,920 mg/m ³)

8.1.2 Biological limit values

No data available.

8.1.3 DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Ethanol CAS No.: 64-17-5	1,900 mg/m ³	① DNEL worker ② DNEL acute inhalative (local)
Ethanol CAS No.: 64-17-5	950 mg/m ³	① DNEL worker ② DNEL acute inhalative (local)
Ethanol CAS No.: 64-17-5	600 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
Ethanol CAS No.: 64-17-5	106 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
Ethanol CAS No.: 64-17-5	114 mg/m ³	① DNEL consumer ② DNEL long-term inhalative (systemic)
Ethanol CAS No.: 64-17-5	1,161 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
Ethanol CAS No.: 64-17-5	412 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
Ethanol CAS No.: 64-17-5	206 mg/kg	① DNEL consumer ② DNEL long-term dermal (systemic)
Ethanol CAS No.: 64-17-5	87 mg/kg	① DNEL consumer ② DNEL short-term oral (acute)
Ethanol CAS No.: 64-17-5	31 mg/kg bw/day	① DNEL worker ② DNEL long-term oral (repeated)

Substance name	PNEC value	① PNEC type
Ethanol CAS No.: 64-17-5	0.96 mg/L	① PNEC aquatic, freshwater
Ethanol CAS No.: 64-17-5	0.79 mg/L	① PNEC aquatic, marine water
Ethanol CAS No.: 64-17-5	3.6 mg/kg	① PNEC sediment, freshwater
Ethanol CAS No.: 64-17-5	287.7 mg/kg	① PNEC sediment, marine water
Ethanol CAS No.: 64-17-5	0.63 mg/kg	① PNEC soil, freshwater

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8.2 Exposure controls

8.2.1 Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. Ventilate affected area.

8.2.2 Personal protection equipment



Eye/face protection:

Recommendation: Filling and transfer; Eye glasses with side protection (EN 166).

Skin protection:

Recommendation: Filling and transfer: Tested protective gloves must be worn (EN ISO 374).

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material: $\geq 0,11$ mm

Breakthrough time (maximum wearing time): ≥ 480 min

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection:

Usually no personal respiratory protection necessary. Provide adequate ventilation.

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Use appropriate respiratory protection. Combination filtering device (EN 14387), Filter type ABEK-P2

Other protection measures:

Wear suitable protective clothing.

8.2.3 Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: solid / liquid (wet tissues)

Colour: light yellow - yellow

Odour: like Alcohol

Safety relevant basic data

Parameter		at	Method	Remark
pH	5.5 - 6.5			liquid portion
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	≥ 78 °C			Ethanol
Decomposition temperature	<i>not determined</i>			
Flash point	> 60 °C			liquid portion
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	265 °C			Ethanol
Upper/lower flammability or explosive limits	3.5 - 15 Vol-%			Ethanol
Vapour pressure	23 hPa	20 °C		
Vapour density	<i>not applicable</i>			
Density	≈ 1 g/ml	20 °C		
Bulk density	<i>not applicable</i>			
Water solubility	slightly soluble			
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			

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Parameter		at	Method	Remark
Kinematic viscosity	<i>not determined</i>			

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product itself does not burn.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions. Can become flammable in use. Vapours can form explosive mixtures with air. Possibility of hazardous reactions/Exothermic reaction with: oxidizing agent

10.4 Conditions to avoid

Frost, Heat, UV-radiation/sunlight. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

10.5 Incompatible materials

oxidizing agent

10.6 Hazardous decomposition products

In case of fire may be liberated: carbon oxides (COx), Gases/vapours, toxic

Further information

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

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

Serious eye damage/irritation:

Based on available data, the classification criteria are not met.
May cause eye irritation.

Respiratory or skin 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.

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Additional information:

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

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

Effects in sewage plants:

The insoluble part can be precipitated mechanically in suitable sewage treatment plants.

Additional ecotoxicological information:

Discharge into the environment must be avoided. Do not empty into drains. Do not allow to enter into soil/subsoil.

12.2 Persistence and degradability

Biodegradation:

Part of the components is biodegradable.

12.3 Bioaccumulative potential

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal. For recycling, contact manufacturer.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

Other disposal recommendations:

The allocation of waste code numbers / waste names must be carried out in accordance with the European Waste Catalogue (EWC). Collect in closed and suitable containers for disposal.

13.2 Additional information

Waste for disposal is to be classified and labelled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI-/IATA-DGR)
14.1 UN-No.			
-	-	-	-
14.2 UN proper shipping name			
Not restricted	Not restricted	Not restricted	Not restricted
14.3 Transport hazard class(es)			
No data available.			

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI-/IATA-DGR)
14.4 Packing group			
No data available.			
14.5 Environmental hazards			
No data available.			
14.6 Special precautions for user			
No data available.			

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code
not relevant

Additional information:

No data available.

SECTION 15: Regulatory information

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

15.1.1 EU legislation

Other EU regulations:

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

15.1.2 National regulations

No data available.

15.2 Chemical Safety Assessment

No data available.

SECTION 16: Other information

16.1 Indication of changes

Changes executed in version 1.1:

Section 3: Composition / information on ingredients

Section 9: Flash point

General revision

16.2 Abbreviations and acronyms

See overview table at www.euphrac.eu

16.3 Key literature references and sources for data

European Chemicals Agency (ECHA): <http://www.echa.europa.eu>

ECHA, C&L Inventory: <http://echa.europa.eu/information-on-chemicals/cl-inventory-database>

ECHA, Registered substances: <http://echa.europa.eu/information-on-chemicals/registered-substances>

GESTIS (Gefahrstoffinformationssystem der DGUV): <http://www.dguv.de/ifa/GESTIS/index.jsp>

Hörath Gefährliche Stoffe und Gemische, 8. Auflage, Dr. Angela Schulz

Safety data sheets of the manufacturers

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No. 1272/2008 [CLP]

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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16.5 Relevant H- and EUH-phrases

Hazard statements	
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

16.6 Training advice

No data available.

16.7 Additional information

The information in this safety data sheet has been established to our best knowledge and was up-to-date at time of revision. The information is intended to give you advice about the safe handling of the product for storage, processing, transport and disposal. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.