

SAFETY DATA SHEET

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

Revision date: 7 Jan 2021

Print date: 14 Jan 2021

Version: 1.1

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Ombrello Professional PreCleaner

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

1.1 Product identifier

Trade name/designation:

Ombrello Professional PreCleaner

Other means of identification:

UFI: SC00-60K6-100K-GQPK

Article No.:

OMB-PC-200

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

Use of the substance/mixture:

Cleaning agent for Coatings.

Restricted to professional users.

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]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Corr. 1B</i>)	H314: Causes severe skin burns and eye damage.	Calculation
Corrosive to metals (<i>Met. Corr. 1</i>)	H290: May be corrosive to metals.	Calculation
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	Calculation

2.2 Label elements

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

Hazard pictograms:



GHS05

Corrosion

Signal word: Danger

Hazard components for labelling:

Hydrogen chloride

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Hazard statements for physical hazards

H290 May be corrosive to metals.

Hazard statements for health hazards

H314 Causes severe skin burns and eye damage.

Supplemental hazard information: -

Precautionary statements - Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

Precautionary statements - Disposal

P501 Dispose of contents/container to hazardous or special waste collection point.

2.3 Other hazards

Adverse human health effects and symptoms:

Immediate medical treatment required because corrosive injuries that are not treated are hard to cure. Thermal decomposition can lead to the escape of irritating gases and vapours. Formation of Hydrochloric gas.



SECTION 3: Composition / information on ingredients

3.2 Mixtures

Description:

hydrochloric acid in aqueous solution, additives

Ingredients:

Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Content
CAS No.: 7647-01-0 EC No.: 231-595-7 REACH No.: 01-2119484862-27	Hydrogen chloride Met. Corr. 1, STOT SE 3, Skin Corr. 1B   Danger H290-H314-H335	1 - 5 weight-%

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing immediately. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

Remove contaminated, saturated clothing immediately. In case of skin contact, wash immediately with large quantities of water/polyethylene glycol. In case of skin irritation, consult a physician.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

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Following ingestion:

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician in any case!

Self-protection of the first aider:

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

Irritant and corrosive effects, If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

aerosol or mist formation: Respiratory complaints, Irritation to respiratory tract

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:

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to the escape of irritating gases and vapours. In case of fire may be liberated: Hydrochloric gas.

Hazardous combustion products:

No data available.

5.3 Advice for firefighters

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

5.4 Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Personal precautions:

Provide adequate ventilation. Avoid contact with eyes and skin. Remove contaminated, saturated clothing immediately. 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 containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Wash with plenty of water.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Advices on safe handling:

Use only in well-ventilated areas. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wear personal protection equipment (refer to section 8). When diluting/dissolving, always have the water ready first, then slowly stir in the product.

Fire prevent measures:

The product is not: Combustible.

Environmental precautions:

Discharge into the environment must be avoided.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Take off contaminated clothing and wash it before reuse. Avoid contact with eyes and skin. Wash hands and face before breaks and after work and take a shower if necessary.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Packaging materials:

Do not breathe gas/fumes/vapour/spray. Use only in well-ventilated areas. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

Requirements for storage rooms and vessels:

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

Hints on storage assembly:

Do not store together with: Alkali (lye), Oxidizing agent Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions:

Protect from moisture. The product is: hygroscopic.

7.3 Specific end use(s)

Recommendation:

Cleaning agent for Coatings.

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
IOELV (EU)	Hydrogen chloride CAS No.: 7647-01-0	① 5 ppm (8 mg/m ³) ② 10 ppm (15 mg/m ³) ⑤ (Hydrogen chloride)
WEL (GB)	Hydrogen chloride CAS No.: 7647-01-0	① 1 ppm (2 mg/m ³) ② 5 ppm (8 mg/m ³) ⑤ (gas and aerosol mists)

8.1.2 Biological limit values

No data available.

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8.1.3 DNEL-/PNEC-values

No data available.

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. Generation/formation of aerosols: Technical ventilation of workplace

8.2.2 Personal protection equipment



Eye/face protection:

Eye glasses with side protection (EN 166).

Skin protection:

Tested protective gloves must be worn (EN ISO 374).

Suitable material: IIR (Butyl rubber)

Thickness of the glove material: $\geq 0,4$ mm

Breakthrough 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. The exact breakthrough time must be requested from the protective glove manufacturer and must be observed. Check leak tightness/impermeability prior to use. 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. Generation/formation of aerosols: If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Combination filtering device Type B-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: liquid

Colour: white

Odour: odourless

Safety relevant basic data

Parameter		at	Method	Remark
pH	< 2	20 °C		
Melting point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	not determined			
Decomposition temperature	not applicable			
Flash point	not applicable			
Evaporation rate	not determined			
Auto-ignition temperature	not applicable			
Upper/lower flammability or explosive limits	not applicable			
Vapour pressure	not determined			
Vapour density	not determined			
Density	≈ 1.3 g/ml			
Bulk density	not applicable			

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Parameter		at	Method	Remark
Water solubility	completely mis-cible			
Partition coefficient: n-octanol/ water	<i>not applicable</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

May be corrosive to metals.

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.

Possibility of hazardous reactions/Exothermic reaction with: Alkali (lye).

May be corrosive to metals (H290). Formation of: Hydrogen. Danger of explosion!

10.4 Conditions to avoid

Do not expose to temperatures exceeding 75 °C.

10.5 Incompatible materials

Alkali (lye), Oxidizing agent

10.6 Hazardous decomposition products

No data available.

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.

If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

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:

Irritant and corrosive effects

Serious eye damage/irritation:

Causes burns. Causes serious eye damage.

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.

aerosol or mist formation: Respiratory complaints, Irritation to respiratory tract

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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.

Additional information:

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

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

General information:

pH < 6: May cause long lasting harmful effects to aquatic life.

Sediment toxicity:

No data available.

Terrestrial toxicity:

No data available.

Effects in sewage plants:

The product is an acid. Before discharge into sewage plants the product normally needs to be neutralised. Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

Assessment/classification:

According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "dangerous for the environment".

12.2 Persistence and degradability

Abiotic degradation:

No data available.

Biodegradation:

The methods for determining the biological degradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential

Bioconcentration factor (BCF):

No data available.

Partition coefficient: n-octanol/water:

not applicable

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

13.1.1 Product/Packaging disposal

Waste codes/waste designations according to EWC

Waste code product:

20 01 29 *	Detergents containing hazardous substances
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*: Evidence for disposal must be provided.

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Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

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.			
1789	1789	1789	1789
14.2 UN proper shipping name			
HYDROCHLORIC ACID, SOLUTION	HYDROCHLORIC ACID, SOLUTION	HYDROCHLORIC ACID, SOLUTION	HYDROCHLORIC ACID, SOLUTION
14.3 Transport hazard class(es)			
 8	 8	 8	 8
14.4 Packing group			
II	II	II	II
14.5 Environmental hazards			
No	No	No	No
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 determined

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.

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15.2 Chemical Safety Assessment

No data available.

SECTION 16: Other information

16.1 Indication of changes

Changes executed in version 1.1:

Section 1: Trade name/designation, UFI
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]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Corr. 1B</i>)	H314: Causes severe skin burns and eye damage.	Calculation
Corrosive to metals (<i>Met. Corr. 1</i>)	H290: May be corrosive to metals.	Calculation
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	Calculation

16.5 Relevant H- and EUH-phrases

Hazard statements	
H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory 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.