

SAFETY DATA SHEET

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

Revision date: 29 Jan 2026

Print date: 2 Feb 2026

Version: 1

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Exakt - Aktivschaum 500mL

Item no.2386

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

1.1. Product identifier

Trade name/designation:

Exakt - Aktivschaum 500mL

UFI:

075M-C01Y-C009-0UUR

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

Use of the substance/mixture:

Cleaning agents for professional use in industry and commerce

1.3. Details of the supplier of the safety data sheet

Manufacturer:

Pernauer Chemiewerke GmbH

Schafwiesenstrasse 135

A-4600 Wels

Austria

Telephone: +43 7242 / 44196-0

Telefax: +43 7242 / 44196-22

E-mail: w.aicher@pernauer.com

Website: www.pernauer.com

distributor:

E. Mayr Reinigungstechnik Ges.m.b.H

Ortstraße 285

2331 Vösendorf

Austria

Telephone: 01/699 17 64-0

Telefax: 01/699 17 64-33

E-mail: office@e-mayr.at

Website: www.e-mayr.at

E-mail (competent person): w.aicher@pernauer.com

1.4. Emergency telephone number

24h: Poison Center Vienna +43 1 406 4343-0, Pernauer Chemiewerke GmbH +43 7242 / 44196-0 (Only available during office hours.)

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. 1A</i>)	H314: Causes severe skin burns and eye damage.	Calculation method.

2.2. Label elements

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

Hazard pictograms:



GHS05

Corrosion

Signal word: Danger

Hazard components for labelling:

potassium hydroxide

Hazard statements for health hazards	
H314	Causes severe skin burns and eye damage.

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Supplemental hazard information: none

Precautionary statements Prevention

P260 Do not breathe spray.

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

Precautionary statements Response

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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 or doctor/physician.

Precautionary statements Disposal

P501 Dispose of contents/container to the problem waste disposal.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Description:

Mixture of substances listed below with nonhazardous additions.

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 1310-58-3 EC No.: 215-181-3 Index No.: 019-002-00-8	potassium hydroxide Acute Tox. 4 (H302), Skin Corr. 1A (H314) Danger Specific concentration limit (SCL) Skin Corr. 1A; H314: $C \geq 5\%$ Skin Corr. 1B; H314: $2\% \leq C < 5\%$ Skin Irrit. 2; H315: $0.5\% \leq C < 2\%$ Eye Dam. 1; H318: $C \geq 2\%$ Eye Irrit. 2; H319: $0.5\% \leq C < 2\%$ Acute Toxicity Estimate ATE (oral) 333 mg/kg	5 - \leq 15 weight-%
CAS No.: 68515-73-1 EC No.: 500-220-1 REACH No.: 01-2119488530-36	D-Glucopyranose, oligomers, decyl octyl glycosides Eye Dam. 1 (H318) Danger	5 - < 15 weight-%
CAS No.: 1569-01-3 EC No.: 216-372-4	1-propoxypropan-2-ol Eye Irrit. 2 (H319), Flam. Liq. 3 (H226) Warning Acute Toxicity Estimate ATE (oral) 3,449 mg/kg ATE (dermal) 3,818 mg/kg	1 - \leq 5 weight-%
CAS No.: 147170-44-3 REACH No.: 01-2119489410-39	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., hydroxides, inner salts Aquatic Chronic 3 (H412), Eye Dam. 1 (H318) Danger Specific concentration limit (SCL) Eye Irrit. 2; H319: $4\% \leq C < 10\%$ Eye Dam. 1; H318: $C \geq 10\%$	1 - \leq 5 weight-%

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

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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. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

Following inhalation:

Provide fresh air.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. Get immediate medical advice/attention.

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.

Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Let 1 glass of water be drunken in little sips (dilution effect). Rinse mouth immediately and drink 1 glass of of water. Do NOT induce vomiting. Get immediate medical advice/attention.

Self-protection of the first aider:

Use personal protection equipment.

4.2. Most important symptoms and effects, both acute and delayed

Skin corrosion/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.

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Use personal protection equipment. Remove persons to safety.

Protective equipment:

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

6.1.2. For emergency responders

Personal protection equipment:

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Personal protection equipment: see section 8

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6.2. Environmental precautions

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

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:

Water (with cleaning agent)

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:

Keep out of reach of children. Wear personal protection equipment (refer to section 8).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Requirements for storage rooms and vessels:

Keep/Store only in original container.

Hints on storage assembly:

Store away from foodstuffs.

Storage class (TRGS 510, Germany): 8B - Non-combustible corrosive substances

Further information on storage conditions:

Protect from frost.

7.3. Specific end use(s)

Recommendation:

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	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
MAK (AT)	potassium hydroxide CAS No.: 1310-58-3 EC No.: 215-181-3	① 2 mg/m ³ ⑤ (einatembare Fraktion)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

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

Respiratory protection:

Usually no personal respiratory protection necessary.

Other protection measures:

Keep away from food, drink and animal feedingstuffs.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: colourless

Odour: characteristic

flammability: No

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	> 13	20 °C	
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	No data available		
Flash point	> 70 °C		
Evaporation rate	No data available		
Auto-ignition temperature	not applicable		
Upper/lower flammability or explosive limits	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Density	No data available		
Bulk density	not applicable		
Water solubility	No data available		
Dynamic viscosity	No data available		
Kinematic viscosity	No data available		

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 stable under storage at normal ambient temperatures.

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10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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

potassium hydroxide CAS No.: 1310-58-3 EC No.: 215-181-3
LD₅₀ oral: 333 mg/kg (Ratte)
1-propoxypropan-2-ol CAS No.: 1569-01-3 EC No.: 216-372-4
LD₅₀ oral: 3,449 mg/kg (Rat)
LD₅₀ dermal: 3,818 mg/kg (Rabbit)
Diethylentriaminpentaessigsäure CAS No.: 140-01-2 EC No.: 205-391-3
ATE (inhalation, dust/mist)¹: 1.5 mg/L

¹: Acute Toxicity Estimate. Harmonised (legal) classification.

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:

Causes severe skin burns and eye damage.

Serious eye damage/irritation:

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

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.

Additional information:

No data available

11.2. Information on other hazards

Endocrine disrupting properties:

The mixture does not contain substances $\geq 0.1\%$ of substances that have endocrine disrupting properties according to Regulation (EC) No. 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

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SECTION 12: Ecological information

12.1. Toxicity

potassium hydroxide CAS No.: 1310-58-3 EC No.: 215-181-3
LC ₅₀ : 80 mg/L 4 d (fish)
LC ₅₀ : 165 mg/L 1 d (fish)
EC ₅₀ : 22 mg/L
D-Glucopyranose, oligomers, decyl octyl glycosides CAS No.: 68515-73-1 EC No.: 500-220-1
EC ₅₀ : =20.71 mg/L 3 d (Algae/water plant)
LC ₅₀ : =21 mg/L 4 d (fish)
EC ₅₀ : >100 mg/L 2 d (crustaceans)
EC ₅₀ : >27 - ≤37 mg/L 3 d (Algae/water plant)
LC ₅₀ : >100 - ≤126 mg/L 4 d (fish)
1-propoxypropan-2-ol CAS No.: 1569-01-3 EC No.: 216-372-4
LC ₅₀ : >100 mg/L 4 d (fish, Oncorhynchus mykiss (Rainbow trout))
LC ₅₀ : >100 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))
LC ₅₀ : 3,400 mg/L (fish, Pimephales promelas (fathead minnow))
EC ₅₀ : 1,466 mg/L 4 d (Algae/water plant, Pseudokirchneriella subcapitata)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., hydroxides, inner salts CAS No.: 147170-44-3
LC ₅₀ : >1 - ≤10 mg/L (fish)
EC ₅₀ : >1 - ≤10 mg/L (crustaceans)
EC ₅₀ : >1 - ≤10 mg/L (Algae/water plant)
NOEC: ≤1 mg/L (fish)
NOEC: ≤1 mg/L (crustaceans)

12.2. Persistence and degradability

potassium hydroxide CAS No.: 1310-58-3 EC No.: 215-181-3
Biodegradation: Yes, rapidly
D-Glucopyranose, oligomers, decyl octyl glycosides CAS No.: 68515-73-1 EC No.: 500-220-1
Biodegradation: Yes, rapidly
1-propoxypropan-2-ol CAS No.: 1569-01-3 EC No.: 216-372-4
Biodegradation: Yes, rapidly
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., hydroxides, inner salts CAS No.: 147170-44-3
Biodegradation: Yes, rapidly

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

potassium hydroxide CAS No.: 1310-58-3 EC No.: 215-181-3
Results of PBT and vPvB assessment: —
D-Glucopyranose, oligomers, decyl octyl glycosides CAS No.: 68515-73-1 EC No.: 500-220-1
Results of PBT and vPvB assessment: —
1-propoxypropan-2-ol CAS No.: 1569-01-3 EC No.: 216-372-4
Results of PBT and vPvB assessment: —
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., hydroxides, inner salts CAS No.: 147170-44-3
Results of PBT and vPvB assessment: —

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12.6. Endocrine disrupting properties

The mixture does not contain substances $\geq 0.1\%$ of substances that have endocrine disrupting properties according to Regulation (EC) No. 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

20 01 30	(20) MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS (01) separately collected fractions (except 15 01) (30) detergents other than those mentioned in 20 01 29
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Waste code packaging

20 01 39	(20) MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS (01) separately collected fractions (except 15 01) (39) plastics
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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:

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number

UN 1760

14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S. (potassium hydroxide)

14.3. Transport hazard class(es)



8

14.4. Packing group

II

14.5. Environmental hazards

No data available

14.6. Special precautions for user

Limited quantity (LQ):

Innenverpackung bis 1L. Bruttogesamtmasse des Versandstücks 30kg

Classification code:

-

Remark:

Exakt - Aktivschaum 500mL erfüllt die Kriterien für "Begrenzte Mengen"

14.7. Maritime transport in bulk according to IMO instruments

No data available

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SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP).

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

No data available

16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EC ₅₀	Effective Concentration 50%
EN	European Standard
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
LC ₅₀	Lethal (fatal) Concentration 50%
LD ₅₀	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NOEC	No Observed Effect Concentration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SCL	Specific concentration limit
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

16.3. Key literature references and sources for data

No data available

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Corr. 1A</i>)	H314: Causes severe skin burns and eye damage.	Calculation method.

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

No data available