

SAFETY DATA SHEET

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

Revision date: 29 Jan 2026

Print date: 2 Feb 2026

Version: 3



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Item no.:1341/12x1L - 0195/10L

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

1.1. Product identifier

Trade name/designation:

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UFI:

5MPK-90QG-9005-JTSS

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

Use of the substance/mixture:

Washing and cleaning products

Relevant identified uses:

Product Categories [PC]

PC 35: Washing and cleaning products

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
Serious eye damage/eye irritation (Eye Irrit. 2)	H319: Causes serious eye irritation.	Calculation method.

2.2. Label elements

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

Hazard pictograms:



GHS07

Exclamation mark

Signal word: Warning

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Hazard components for labelling:

1,2-benzisothiazol-3(2H)-one

Hazard statements for health hazards

H319 Causes serious eye irritation.

Supplemental hazard information

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Precautionary statements

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

P102 Keep out of reach of children.

Precautionary statements Prevention

P264 Wash hands thoroughly after handling.

P280 Wear eye protection/face protection.

Precautionary statements Response

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

P337 + P313 If eye irritation persists: Get medical advice/attention.

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.: 97489-15-1 EC No.: 307-055-2 REACH No.: 01-2119489924-20-0000	Sulfonic acids, C14-17-sec-alkane, sodium salts Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Eye Dam. 1 (H318), Skin Irrit. 2 (H315)   Danger Specific concentration limit (SCL) Acute Tox. 4; H302: 60% ≤ C < 100% Eye Irrit. 2; H319: 10% ≤ C < 15% Eye Dam. 1; H318: 15% ≤ C < 100% Acute Toxicity Estimate ATE (oral) ≥ 500 mg/kg ATE (dermal) > 2,000 g/m ³	5 - < 15 weight-%
CAS No.: 160901-19-9 EC No.: 931-954-4	Alcohols, C12-13, branched and linear, ethoxylated Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Eye Dam. 1 (H318)   Danger Specific concentration limit (SCL) Eye Dam. 1; H318: C ≥ 10% Acute Toxicity Estimate ATE (oral) 500 mg/kg	1 - ≤ 5 weight-%

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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:

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

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:

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

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.

Further information on storage conditions:

Protect from frost.

7.3. Specific end use(s)

Recommendation:

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 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) from 25 Sept 2018	2-phenoxyethanol CAS No.: 122-99-6 EC No.: 204-589-7	① 20 ppm (110 mg/m ³) ② 20 ppm (110 mg/m ³) ⑤ (Momentanwert)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

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. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

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: blue

Odour: not determined

flammability: No

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	10 - 10.5	20 °C	
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	> 70 °C		
Flash point	> 70 °C		
Evaporation rate	No data available		

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Parameter	Value	at °C	① Method ② Remark
Auto-ignition temperature	<i>not applicable</i>		
Upper/lower flammability or explosive limits	<i>No data available</i>		
Vapour pressure	<i>No data available</i>		
Vapour density	<i>No data available</i>		
Density	<i>No data available</i>		
Relative density	1.01 - 1.02	20 °C	
Bulk density	<i>not applicable</i>		
Water solubility	<i>No data available</i>		
Dynamic viscosity	<i>No data available</i>		
Kinematic viscosity	<i>No data available</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 stable under storage at normal ambient temperatures.

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

Sulfonic acids, C14-17-sec-alkane, sodium salts CAS No.: 97489-15-1 EC No.: 307-055-2
LD₅₀ oral: ≥500 mg/kg (Ratte)
LD₅₀ dermal: >2,000 g/m ³ (Maus)
Alcohols, C12-13, branched and linear, ethoxylated CAS No.: 160901-19-9 EC No.: 931-954-4
ATE oral: >500 - ≤2,000 mg/kg

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:

Causes serious eye irritation.

Respiratory or skin sensitisation:

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

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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:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

Sulfonic acids, C14-17-sec-alkane, sodium salts CAS No.: 97489-15-1 EC No.: 307-055-2
LC ₅₀ : >1 - ≤10 mg/L 4 d (fish)
EC ₅₀ : =9.81 mg/L 2 d (crustaceans)
EC ₅₀ : >61 mg/L 3 d (Algae/water plant) 201
NOEC: >600 mg/L -∞ h (Pseudomonas putida) DIN 38412 T.8
Alcohols, C12-13, branched and linear, ethoxylated CAS No.: 160901-19-9 EC No.: 931-954-4
LC ₅₀ : >1 - <10 mg/L 4 d (fish)
EC ₅₀ : >1 - <10 mg/L 2 d (crustaceans)
EC ₅₀ : >1 - <10 mg/L 3 d (Algae/water plant)
NOEC: >0.1 - 1 mg/L -∞ h (Algae/water plant)

12.2. Persistence and degradability

Sulfonic acids, C14-17-sec-alkane, sodium salts CAS No.: 97489-15-1 EC No.: 307-055-2
Biodegradation: Yes, rapidly
Alcohols, C12-13, branched and linear, ethoxylated CAS No.: 160901-19-9 EC No.: 931-954-4
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

Sulfonic acids, C14-17-sec-alkane, sodium salts CAS No.: 97489-15-1 EC No.: 307-055-2
Results of PBT and vPvB assessment: —
Alcohols, C12-13, branched and linear, ethoxylated CAS No.: 160901-19-9 EC No.: 931-954-4
Results of PBT and vPvB assessment: —

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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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. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

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

No data available

16.3. Key literature references and sources for data

No data available

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
Serious eye damage/eye irritation (Eye Irrit. 2)	H319: Causes serious eye irritation.	Calculation method.

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

Hazard statements	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.