

SAFETY DATA SHEET

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

Revision date: 14 Mar 2023

Print date: 25 Jun 2024

Version: 2



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

1.1. Product identifier

Trade name/designation:

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Article No.:

239

UFI:

9AR5-4XKT-6VST-WP03

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

Use of the substance/mixture:

Grundreiniger

Nur für den industriellen und gewerblichen Gebrauch.

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Otto Oehme GmbH

FEA

Industriestr. 20

90584 Allersberg

Germany

Telephone: 09176/98050

Telefax: 09176/980555

E-mail: Info@Oehme-Lorito.de

Website: www.Oehme-Lorito.de

1.4. Emergency telephone number

No data available

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.	

2.2. Label elements

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

Hazard pictograms:



GHS07

Exclamation mark

Signal word: Warning

Hazard statements for health hazards

H319 Causes serious eye irritation.

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Supplemental hazard information: none

Precautionary statements Prevention

P280 Wear protective gloves and eye protection/face protection.

Precautionary statements Response

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

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 112-34-5 EC No.: 203-961-6 Index No.: 603-096-00-8 REACH No.: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol Eye Irrit. 2 (H319) ⚠ Warning	< 10 weight-%
CAS No.: 15763-76-5 EC No.: 239-854-6 REACH No.: 01-2119489411-37	sodium p-cumenesulphonate Eye Irrit. 2 (H319) ⚠ Warning	< 10 weight-%
CAS No.: 5131-66-8 EC No.: 225-878-4 Index No.: 603-052-00-8	1-Butoxy-2-propanol und Isomere Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) ⚠ Warning	< 10 weight-%
CAS No.: 122-99-6 EC No.: 204-589-7 REACH No.: 01-2119488943-21-XXXX	2-phenoxyethanol Acute Tox. 4 (H302), Eye Irrit. 2 (H319) ⚠ Warning Specific concentration limit (SCL) Eye Irrit. 2; H319: C ≥ 10%	< 10 weight-%
CAS No.: 7320-34-5 EC No.: 230-785-7	tetrapotassium pyrophosphate Eye Irrit. 2 (H319) ⚠ Warning	≤ 10 weight-%
	Polymer auf Basis: Alkohole, C13-15 verzweigt und linear, butoxyliert und ethoxyliert Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Eye Irrit. 2 (H319) ⚠ Warning	< 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. 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:

If skin irritation or rash occurs: Get medical advice/attention. After contact with skin, wash immediately with plenty of water and soap.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Let 1 glass of water be drunken in little sips (dilution effect).

Self-protection of the first aider:

Use personal protection equipment.

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

Irritant Effects. respiratory paralysis, dermatitis, dizziness, narcosis, intoxication, euphoria, nausea, Vomiting, shortness of breath, diarrhea, CNS disorders. Serious eye damage/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:

Carbon dioxide (CO₂) Extinguishing powder Foam

Unsuitable extinguishing media:

There are no restrictions on extinguishing agents for this mixture

5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire hazardous combustion gases or vapors possible

Hazardous combustion products:

In case of fire: 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety. Special danger of slipping by leaking/spilling product.

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.

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).

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.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Avoid contact with skin, eyes and clothes. Open windows to ensure natural ventilation. Wear personal protection equipment (refer to section 8).

Fire prevent measures:

No special fire protection 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.

Storage class (TRGS 510, Germany): 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

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
TRGS 900 (DE) from 1 Mar 2011	2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6	① 10 ppm (67 mg/m ³) ② 15 ppm (100.5 mg/m ³) ⑤ (Aerosol und Dampf) EU, DFG, Y, 11
IOELV (EU)	2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6	① 10 ppm (67.5 mg/m ³) ② 15 ppm (101.2 mg/m ³)
TRGS 900 (DE) from 2 May 2018	2-phenoxyethanol CAS No.: 122-99-6 EC No.: 204-589-7	① 1 ppm (5.7 mg/m ³) ② 1 ppm (5.7 mg/m ³) ⑤ (Aerosol und Dampf) DFG, Y, 11

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 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

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Other protection measures:

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

Appearance

Physical state: Liquid

Colour: colourless

Odour: characteristic

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	≈ 10		
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	No data available		
Flash point	No data available		
Evaporation rate	No data available		
Auto-ignition temperature	No data available		
Upper/lower flammability or explosive limits	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Density	≈ 1 g/cm ³	23 °C	
Bulk density	not applicable		
Water solubility	miscible		
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

Explosive mixtures with air are possible on intense heating.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Violent reaction with: White/yellow phosphor Light metal, Oxidising agent, strong

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight.

10.5. Incompatible materials

Aluminium , Light metal, Oxidising agent, strong

10.6. Hazardous decomposition products

No data available

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SECTION 11: Toxicological information

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

2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6
LD₅₀ oral: 2,410 mg/kg (Mouse)
LD₅₀ dermal: 2,764 mg/kg (Rabbit)
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6
LD₅₀ oral: >2,000 mg/kg (Ratte)
LD₅₀ dermal: >2,000 mg/kg (Kaninchen)
LC₅₀ Acute inhalation toxicity (vapour): >5 mg/L 4 h (Ratte)
1-Butoxy-2-propanol und Isomere CAS No.: 5131-66-8 EC No.: 225-878-4
LD₅₀ oral: 3,300 mg/kg (Ratte)
LD₅₀ dermal: >2,000 mg/kg
LC₅₀ Acute inhalation toxicity (vapour): >3.5 mg/L 4 h (Ratte)
2-phenoxyethanol CAS No.: 122-99-6 EC No.: 204-589-7
LD₅₀ oral: 1,840 mg/kg
tetrapotassium pyrophosphate CAS No.: 7320-34-5 EC No.: 230-785-7
LD₅₀ oral: >2,000 mg/kg (Rat)
LD₅₀ dermal: >2,000 mg/kg (Rabbit)
Polymer auf Basis: Alkohole, C13-15 verzweigt und linear, butoxyliert und ethoxyliert
LD₅₀ oral: >300 - 2,000 mg/kg (Ratte)

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.

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

No data available

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SECTION 12: Ecological information

12.1. Toxicity

2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6

LC₅₀: 1,300 mg/L 4 d (Sonnenbarsch) OECD 203

EC₅₀: >100 mg/L 2 d (Daphnia magna)

ErC₅₀: 1,101 mg/L 3 d (Algae/water plant)

sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6

LC₅₀: >100 mg/L 4 d (fish, Oncorhynchus mykiss)

EC₅₀: >100 mg/L 2 d (crustaceans, Daphnia magna)

EC₅₀: >100 mg/L 4 d (Algae/water plant, Pseudokirchneriella subcapitata)

LC₅₀: >1,000 mg/L 4 d

EC₅₀: >1,000 mg/L 2 d (Daphnia)

NOEC: 31 mg/L 4 d (Algae/water plant)

ErC₅₀: 230 mg/L 4 d (Algae/water plant)

1-Butoxy-2-propanol und Isomere CAS No.: 5131-66-8 EC No.: 225-878-4

LC₅₀: >560 - 1,000 mg/L 4 d (fish, Poecilia reticulata (Belebtschlamm))

EC₅₀: >1,000 mg/L 2 d (Daphnia magna)

EC₅₀: >1,000 mg/L 4 d (Algae/water plant, Pseudokirchneriella subcapitata)

EC₅₀: >1,000 mg/L (Algae/water plant)

tetrapotassium pyrophosphate CAS No.: 7320-34-5 EC No.: 230-785-7

LC₅₀: 203 mg/L 4 d (Regenbogenforelle)

EC₅₀: 797.13 mg/L 2 d (Daphnia magna)

ErC₅₀: 201 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus)

NOEC: 201 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus)

Polymer auf Basis: Alkohole, C13-15 verzweigt und linear, butoxyliert und ethoxyliert

LC₅₀: >1 - 10 mg/L 4 d (fish, Leuciscus idus (Belebtschlamm))

EC₅₀: >1 - 10 mg/L 2 d (Daphnia magna)

NOEC: >0.1 - 1 mg/L (Algae/water plant, Daphnia magna)

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6

Log K_{OW}: = 1

sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6

Log K_{OW}: -1.1

tetrapotassium pyrophosphate CAS No.: 7320-34-5 EC No.: 230-785-7

Log K_{OW}: -2

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6

Results of PBT and vPvB assessment: —

sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6

Results of PBT and vPvB assessment: —

1-Butoxy-2-propanol und Isomere CAS No.: 5131-66-8 EC No.: 225-878-4

Results of PBT and vPvB assessment: —

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2-phenoxyethanol CAS No.: 122-99-6 EC No.: 204-589-7

Results of PBT and vPvB assessment: —

tetrapotassium pyrophosphate CAS No.: 7320-34-5 EC No.: 230-785-7

Results of PBT and vPvB assessment: —

Polymer auf Basis: Alkohole, C13-15 verzweigt und linear, butoxyliert und ethoxyliert

Results of PBT and vPvB assessment: —

12.6. Endocrine disrupting properties

No data available

12.7. 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/AVV

Waste code product

07 06 01 *	aqueous washing liquids and mother liquors
20 01 29 *	Detergents containing hazardous substances

*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

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

Authorisations:

EU legislation

Labelling for contents according to regulation (EC) No. 648/2004

anionic surfactants : <5%

non-ionic surfactants : <5%

phosphates : < 5%

National regulations

Hazardous Substances Ordinance (GefStoffV)

Minimum protective measures according to TRGS 500

Berufsgenossenschaftliche Vorschriften (DGUV-Vorschriften)

Berufsgenossenschaftliche Regeln (DGUV-Regeln)

15.1.2. National regulations

[DE] National regulations

Water hazard class

WGK:

1 - slightly hazardous to water

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out for this product.

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.	

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.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

16.6. Training advice

No data available

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16.7. Additional information

The information is based on our current level of knowledge and is used to describe the product with regard to the safety precautions to be taken. They do not represent a guarantee of the properties of the product described.

It is the responsibility of the recipient of our product to observe existing laws and regulations.