NOVALINE Granitreinigungs- und Pflegemittel

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

1.1. Product identifier

Trade name/designation:

NOVALINE Granitreinigungs- und Pflegemittel

Article No.:
4444, 444

UFI:
3HWM-SATD-2WKQ-G2JF

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

Relevant identified uses:

	Product Categories [PC]
PC 35:	Washing and cleaning products

1.3. Details of the supplier of the safety data sheet

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

OELZE Präzisions- Messzeugfabrik GmbH
Bollenwaldstr. 112
63743 Aschaffenburg / Obernau
Germany
Telephone: 06028-99 97-0
Telefax: 06028-99 97-77
E-mail: info@oelze.de
Website: www.oelze.de

1.4. Emergency telephone number

Giftnotrufzentrale Göttingen, 24h: +49-(0)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.

Hazard statements: none
Supplemental hazard information: none

Precautionary statements	
P102	Keep out of reach of children.

Special rules for supplemental label elements for certain mixtures:

17,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).
17,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).
17,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

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.: 64-17-5 **EC No.:** 200-578-6 **Index No.:** 603-002-00-5	**ethanol** Eye Irrit. 2 (H319), Flam. Liq. 2 (H225) **Danger**	10 – ≤ 16.8 weight-%
CAS No.: 68891-38-3 **REACH No.:** 01-2119488639-16	**Alcohols, C12-14, ethoxylated alkyl sulfates, sodium salts** Aquatic Chronic 1 (H410), Aquatic Chronic 3 (H412), Eye Dam. 1 (H318), Skin Irrit. 2 (H315) **Danger**	0 – ≤ 0.15 weight-%
	anionische Tenside The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	0 – < 0.09 weight-%
	BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	0 – < 0.01 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 skin contact:
Water and soap

After eye contact:
Rinse immediately carefully and thoroughly with eye-bath or water.

Following ingestion:
Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.Do NOT induce vomiting.

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

No known symptoms to date.

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:
Sand alcohol resistant foam Carbon dioxide (CO2)

Unsuitable extinguishing media:
Full water jet Strong water jet

5.2. Special hazards arising from the substance or mixture

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:

Avoid breathing dust/fume/gas/mist/vapours/spray. 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.

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:

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:

Wear personal protection equipment (refer to section 8).

Advices on general occupational hygiene

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

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): 10 – Combustible liquids that cannot be assigned to any of the above storage classes

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
TRGS 900 (DE)	ethanol **CAS No.:** 64-17-5 **EC No.:** 200-578-6	① 200 ppm (380 mg/m³) ② 800 ppm (1,520 mg/m³)

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
Alcohols, C12-14, ethoxylated alkyl sulfates, sodium salts **CAS No.:** 68891-38-3	175 mg/kg	① DNEL worker ② Long-term – inhalation, systemic effects
Alcohols, C12-14, ethoxylated alkyl sulfates, sodium salts **CAS No.:** 68891-38-3	2,750 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
Alcohols, C12-14, ethoxylated alkyl sulfates, sodium salts **CAS No.:** 68891-38-3	15 mg/kg	① DNEL worker ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
Alcohols, C12-14, ethoxylated alkyl sulfates, sodium salts **CAS No.:** 68891-38-3	0.24 mg/l	① PNEC aquatic, freshwater
Alcohols, C12-14, ethoxylated alkyl sulfates, sodium salts **CAS No.:** 68891-38-3	0.024 mg/l	① PNEC aquatic, marine water
Alcohols, C12-14, ethoxylated alkyl sulfates, sodium salts **CAS No.:** 68891-38-3	10,000 mg/l	① PNEC sewage treatment plant
Alcohols, C12-14, ethoxylated alkyl sulfates, sodium salts **CAS No.:** 68891-38-3	5.45 ml/l	① PNEC sediment, freshwater
Alcohols, C12-14, ethoxylated alkyl sulfates, sodium salts **CAS No.:** 68891-38-3	0.545 mg/l	① PNEC sediment, marine water

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: 480 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.NBR (Nitrile rubber) 0,33-0,5 mm, PVC (polyvinyl chloride) 1 mm

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: Alcohol

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	7		
Melting point	*not determined*		
Freezing point	*not determined*		
Initial boiling point and boiling range	> 80 °C		
Decomposition temperature	*not determined*		
Flash point	≈ 35 °C		
Evaporation rate	*not determined*		
Auto-ignition temperature	425 °C		
Upper/lower flammability or explosive limits	3.5 – 15 Vol-%		
Vapour pressure	59 hPa	20 °C	
Vapour density	*not determined*		
Density	0.97 g/cm³	20 °C	
Relative density	*not determined*		
Bulk density	*not determined*		
Water solubility	*not determined*		
Partition coefficient: n-octanol/water	*not determined*		
Dynamic viscosity	*not determined*		
Kinematic viscosity	*not determined*		
Volatile organic compounds (VOC) content in percent by weight:	16.2 weight-%		

9.2. Other information
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
No known hazardous reactions.

10.4. Conditions to avoid
No data available

10.5. Incompatible materials
No data available

10.6. Hazardous decomposition products
Does not decompose when used for intended uses.

SECTION 11: Toxicological information

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

Substance name	Toxicological information
1,2-Benzisothiazol-3(2H)-on **CAS No.:** 2634-33-5 **EC No.:** 220-120-9	**LD_{50} oral:** 1,020 mg/kg (Ratte) **LD_{50} dermal:** >2,000 mg/kg
2-methyl-2H-isothiazol-3-one **CAS No.:** 2682-20-4 **EC No.:** 220-239-6	**LD_{50} oral:** 120 mg/kg **LD_{50} dermal:** 242 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:
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
No data available

SECTION 12: Ecological information

12.1. Toxicity

Substance name	Toxicological information
ethanol **CAS No.:** 64-17-5 **EC No.:** 200-578-6	**LC_{50}:** 5,012 mg/l **EC_{50}:** 275 mg/l
1,2-Benzisothiazol-3(2H)-on **CAS No.:** 2634-33-5 **EC No.:** 220-120-9	**LC_{50}:** 1.6 – 16 mg/l 4 d (fish) **EC_{50}:** 4.4 mg/l 2 d (crustaceans) **EC_{50}:** 0.4 mg/l **LC_{50}:** 0.067 mg/l **LC_{50}:** 2.18 mg/l **EC_{50}:** 0.11 mg/l 3 d (Selenastrum capricornutum) OECD 201

Substance name	Toxicological information
	NOEC: 0.04 mg/l 3 d (Selenastrum capricornutum) OECD 201
2-methyl-2H-isothiazol-3-one **CAS No.:** 2682-20-4 **EC No.:** 220-239-6	**LC_{50}:** 4.77 mg/l **EC_{50}:** 0.103 mg/l **NOEC:** 0.044 mg/l

12.2. Persistence and degradability

Substance name	Biodegradation	Remark
ethanol **CAS No.:** 64-17-5 **EC No.:** 200-578-6	Yes, rapidly	
1,2-Benzisothiazol-3(2H)-on **CAS No.:** 2634-33-5 **EC No.:** 220-120-9	Yes, rapidly	

12.3. Bioaccumulative potential

Substance name	Log K_{OW}	Bioconcentration factor (BCF)
ethanol **CAS No.:** 64-17-5 **EC No.:** 200-578-6	-0.35	0.66
1,2-Benzisothiazol-3(2H)-on **CAS No.:** 2634-33-5 **EC No.:** 220-120-9	0.7	

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Substance name	Results of PBT and vPvB assessment
ethanol **CAS No.:** 64-17-5 **EC No.:** 200-578-6	—
1,2-Benzisothiazol-3(2H)-on **CAS No.:** 2634-33-5 **EC No.:** 220-120-9	—
2-methyl-2H-isothiazol-3-one **CAS No.:** 2682-20-4 **EC No.:** 220-239-6	—

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

Dispose of waste according to applicable legislation.

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.

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

SECTION 15: Regulatory information

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

15.1.1. EU legislation
No data available

15.1.2. National regulations
[DE] National regulations

Water hazard class

WGK:
1 - schwach wassergefährdend

Description:
slightly hazardous to water

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

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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.