

SECTION 1: Identification of the substance/mixture and of the company/undertaking· **1.1 Product identifier**· **Trade name:** Wolponal Gentle· **Article number:** 21371410a· **1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

· **Application of the substance / the mixture** Detergents· **1.3 Details of the supplier of the safety data sheet**· **Manufacturer/Supplier:**Bussetti&Co Ges.m.b.H.
Rötzerlg. 57
1170 Wien· **Further information obtainable from:** Labor· **1.4 Emergency telephone number:**

business day:

Mo - Th: 9:00 - 16:00

Mr. Herbert Fischer

Fr: 9:00 - 13:00

Mr. Herbert Salzer

+43-(0)1-4861221-1542

msds@bussetti.at

SECTION 2: Hazards identification· **2.1 Classification of the substance or mixture**· **Classification according to Regulation (EC) No 1272/2008**

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

· **2.2 Label elements**· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms** GHS05· **Signal word** Danger· **Hazard-determining components of labelling:**

Alcohols C12-14, ethoxylated

Sulfosäuren, C14-17-sec-Alkan-, Natriumsalze

· **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

· **Precautionary statements**

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

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.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

· **2.3 Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.

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SECTION 3: Composition/information on ingredients· **3.2 Chemical characterisation: Mixtures**· **Description:** Mixture of substances listed below with nonhazardous additions.· **Dangerous components:**

Alcohols C12-14, ethoxylated	2.5-10%
☞ Eye Dam. 1, H318; ☠ Acute Tox. 4, H302; Aquatic Chronic 3, H412	
Sulfosäuren, C14-17-sec-Alkan-, Natriumsalze	2.5-10%
☞ Eye Dam. 1, H318; ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures**· **4.1 Description of first aid measures**· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.· **After swallowing:** If symptoms persist consult doctor.· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures· **5.1 Extinguishing media**· **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

Water

Water haze

Foam

Fire-extinguishing powder

Carbon dioxide

· **5.2 Special hazards arising from the substance or mixture**

In case of fire formation of carbon oxides possible.

· **5.3 Advice for firefighters**· **Protective equipment:** Wear fully protective suit.**SECTION 6: Accidental release measures**· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Pay attention to the usual precautionary measures for handling chemicals.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Storage class:** 12
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

Sulfosäuren, C14-17-sec-Alkan-,Natriumsalze

Dermal	Acute - local effects, worker	2.8 --- (.)
	Long-term - systemic effects, worker	5 mg/kg bw/day (OH radical)
	Long-term - local effects, worker	2.8 --- (.)
Inhalative	Long-term - systemic effects, worker	35 mg/m ³ (.)

· **DNEL (Derived No Effect Level) for the general population**

Sulfosäuren, C14-17-sec-Alkan-,Natriumsalze

Oral	Long-term - systemic effects, general population	7.1 mg/kg bw/day (.)
Dermal	Acute - local effects, general population	2.8 --- (.)
	Long term - systemic effects, general population	3.57 mg/kg bw/day (.)
	Long-term - local effects, general population	2.8 --- (.)
Inhalative	Long-term - local effects, general population	12.4 mg/m ³ (.)

· **PNECs**

Sulfosäuren, C14-17-sec-Alkan-,Natriumsalze

Aquatic compartment - freshwater	0.04 mg/L (.)
Aquatic compartment - marine water	0.004 mg/L (.)
Aquatic compartment - sediment in freshwater	9.4 mg/kg sed dw (.)
Aquatic compartment - sediment in marine water	0.94 mg/kg sed dw (.)
Terrestrial compartment - soil	9.4 mg/kg dw (.)
Sewage treatment plant	600 mg/L (.)

· **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.

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Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Butyl rubber, BR

PVC gloves

Nitrile rubber, NBR

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: *Tightly sealed goggles*

· Body protection: *Protective work clothing*

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: *Fluid*

Colour: *Colourless*

· Odour: *Characteristic*

· Odour threshold: *Not determined.*

· pH-value at 20 °C: *4.5*

· Change in condition

Melting point/freezing point: *Undetermined.*

Initial boiling point and boiling range: *>100 °C*

· Flash point: *Not applicable.*

· Flammability (solid, gas): *Not applicable.*

· Decomposition temperature: *Not determined.*

· Auto-ignition temperature: *Product is not selfigniting.*

· Explosive properties: *Product does not present an explosion hazard.*

· Explosion limits:

Lower: *Not determined.*

Upper: *Not determined.*

· Vapour pressure: *Not determined.*

· Density at 20 °C: *1.02 g/cm³*

· Relative density *Not determined.*

· Vapour density *Not determined.*

· Evaporation rate *Not determined.*

· Solubility in / Miscibility with water:

Fully miscible.

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|--|---|
| · Partition coefficient: n-octanol/water: | Not determined. |
| · Viscosity: | |
| · Dynamic: | Not determined. |
| · Kinematic: | Not determined. |
| · Solvent content: | |
| · Water: | 80.0 % |
| · Solids content: | |
| · 9.2 Other information | 0.0 %
No further relevant information available. |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

Alcohols C12-14, ethoxylated

Oral	LD50	500-2,000 mg/kg (rat)
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Sulfosäuren, C14-17-sec-Alkan-, Natriumsalze

Oral	LD50	500-2,000 mg/kg (rat)
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Dermal	LD50	>2,000 mg/kg (rat)
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- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

Alcohols C12-14, ethoxylated

NOEC	0.1-1 mg/l (algae)
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IC50 /72h	0.14 mg/l (algae)
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LC50/96 h	1-10 mg/l (fish)
EC50/48 h	1-10 mg/l (Daphnia magna)
Sulfosäuren, C14-17-sec-Alkan-,Natriumsalze	
EC50/72h	>61 mg/l (scenedesmus subspicatus)
NOEC	0.36 mg/l (Daphnia magna) 0.85 mg/l (Onchorrhynchus mykiss) 600 mg/l (pseudomonas putida)
LC50/96 h	1-10 mg/l (Danio rerio)
EC50/48 h	9.81 mg/l (Daphnia magna)

· 12.2 Persistence and degradability

Alcohols C12-14, ethoxylated

OECD 301 F	>60 % (.)
OECD 301 E	>90 % (.)
OECD 301 B	>70 % (28 d)

Sulfosäuren, C14-17-sec-Alkan-,Natriumsalze

OECD 301 E	89 % (28 d)
OECD 303 A	96.2 % (34 d)
OECD 301 B	78 % (28 d)

· 12.3 Bioaccumulative potential No further relevant information available.

· 12.4 Mobility in soil No further relevant information available.

· Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations.

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· 14.1 UN-Number

· ADR, ADN, IMDG, IATA Void

· 14.2 UN proper shipping name

· ADR, ADN, IMDG, IATA Void

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· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations:**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 4: Acute toxicity - oral - Category 4
- Skin Irrit. 2: Skin corrosion/irritation - Category 2
- Eye Dam. 1: Serious eye damage/eye irritation - Category 1
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3