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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

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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· **vPvB:** Not applicable.

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.

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:	<i>Fluid</i>
Colour:	<i>Colourless</i>
· Odour:	<i>Characteristic</i>
· Odour threshold:	<i>Not determined.</i>

· 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:** *0.0 %*
- **9.2 Other information** *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)

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

Oral LD50 500-2,000 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rat)

- **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)

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

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	<i>Void</i>
- 14.4 Packing group	
- ADR, IMDG, IATA	<i>Void</i>
- 14.5 Environmental hazards:	<i>Not applicable.</i>
- 14.6 Special precautions for user	<i>Not applicable.</i>
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	<i>Not applicable.</i>
- UN "Model Regulation":	<i>Void</i>

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:**
- **Water hazard 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*
- EDNCS: 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*

