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

1.1 Product identifier

Super Clean

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

1.2.1 Relevant uses

Floor cleaner
Cleaning agent, alkaline
Special cleaning product for motor vehicles

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

WAXOYL AG
Seewenweg 5
4153 Reinach / SWITZERLAND
Phone +41-61-28177 94
Fax +41-61-28177 85
Homepage www.waxoyl.com
E-mail info@waxoyl.ch

Address enquiries to

Technical information info@waxoyl.ch

Safety Data Sheet sdb@chemiebuero.de (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

not determined

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

Hazard pictograms

Special labelling EUH210 Safety data sheet available on request.

Cleaner, 648/2004/CE, contains:

5 - <15% non-ionic surfactants
< 5% phosphates
< 5% anionic surfactant
< 5% amphoteric surfactants

2.3 Other hazards

High risk of slipping due to leakage/spillage of product.

Human health dangers The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Environmental hazards This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
1 - 5	Alcohols, C12-14 ethoxylated propoxylated
	CAS: 68439-51-0, EINECS/ELINCS: 614-484-1
	GHS/CLP: Aquatic Chronic 3: H412
1 - <5	Sodium p-cumenesulphonate
	CAS: 15763-76-5, EINECS/ELINCS: 239-854-6, Reg-No.: 01-2119489411-37-XXXX
	GHS/CLP: Eye Irrit. 2: H319
1 - <5	2-Butoxyethanol
	CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0, Reg-No.: 01-2119475108-36-XXXX
	GHS/CLP: Acute Tox. 4: H302 H312 H332 - Eye Irrit. 2: H319 - Skin Irrit. 2: H315

Comment on component parts For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Take off contaminated clothing and wash before reuse.

Inhalation Ensure supply of fresh air.

Skin contact When in contact with the skin, clean with soap and water.
Consult a doctor if skin irritation persists.

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.

Ingestion Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.
Get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.

Extinguishing media that must not be used Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Use personal protective clothing.
High risk of slipping due to leakage/spillage of product.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment.

Do not eat, drink or smoke when using this product.
Wash hands before breaks and after work.
Use barrier skin cream.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.

Do not store together with acids and oxidizing agents.
Do not store together with food and animal food/diet.

Keep container tightly closed.
Keep away from frost.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

Substance / EC LIMIT VALUES
2-Butoxyethanol
CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0, Reg-No.: 01-2119475108-36-XXXX
Eight hours: 20 ppm, 98 mg/m³, H
Short-term (15-minute): 50 ppm, 246 mg/m³

DNEL

Substance
2-Butoxyethanol, CAS: 111-76-2
Industrial, inhalative (vapor), Long-term - systemic effects, 98 mg/m³
Industrial, inhalative (vapor), Acute - systemic effects, 1091 mg/m³
Industrial, inhalative (vapor), Long-term - local effects, 246 mg/m³
general population, inhalative (vapor), Long-term - systemic effects, 59 mg/m³
general population, inhalative (vapor), Acute - systemic effects, 426 mg/m³
general population, inhalative (vapor), Long-term - local effects, 147 mg/m³
general population, oral, Long-term - systemic effects, 6,3 mg/kg bw/day
general population, oral, Acute - systemic effects, 26,7 mg/kg bw/day
Sodium p-cumenesulphonate, CAS: 15763-76-5
Industrial, dermal, Long-term - systemic effects, 191 mg/kg bw/day
Industrial, dermal, Long-term - local effects, 0,096 mg/cm²
Industrial, inhalative, Long-term - systemic effects, 37,4 mg/m³
general population, inhalative, Long-term - systemic effects, 6,6 mg/m³
general population, dermal, Long-term - systemic effects, 68,1 mg/kg bw/day
general population, dermal, Long-term - local effects, 0,048 mg/cm²
general population, oral, Long-term - systemic effects, 3,8 mg/kg bw/day

PNEC

Substance
2-Butoxyethanol, CAS: 111-76-2
freshwater, 8,8 mg/l
seawater, 0,88 mg/l
sewage treatment plants (STP), 463 mg/l
sediment (freshwater), 34,6 mg/kg
sediment (seawater), 3,46 mg/kg
soil, 2,33 mg/kg
oral (food), 0,02 g/kg
Sodium p-cumenesulphonate, CAS: 15763-76-5
freshwater, 0,1 mg/L
sewage treatment plants (STP), 100 mg/L
seawater, 0,01 mg/L
sediment (freshwater), 0,372 mg/kg sediment dw
sediment (seawater), 0,037 mg/kg sediment dw
soil, 0,016 mg/kg soil dw

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation.
Eye protection	Tightly fitting goggles. (EN 166:2001)
Hand protection	In full contact: 0,7 mm; Butyl rubber, >480 min (EN 374-1/-2/-3). In splash contact: 0,4 mm; Nitrile rubber, >120 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	light protective clothing
Other	Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. Do not breathe vapour/spray.
Respiratory protection	If workplace limit values are exceeded or if there is insufficient ventilation: Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	liquid
Color	slightly yellow
Odor	slight
Odour threshold	not applicable
pH-value	11,35 ± 0,10
pH-value [1%]	not determined
Boiling point or initial boiling point and boiling range [°C]	100
Flash point [°C]	not applicable
Flammability	no
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm³]	1,11 ± 0,01 (T = 24 °C)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	soluble
Solubility other solvents	No information available.
Partition coefficient n-octanol/water (log value)	not determined
Kinematic viscosity	< 0,18 cm2/s (T = 20 °C)
Relative vapour density	not relevant
Melting point [°C]	not determined
Auto-ignition temperature [°C]	not applicable
Decomposition temperature [°C]	not determined
Particle characteristics	not applicable

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

Exothermic reaction with:
Strong oxidizing agent.
Strong acids.

10.4 Conditions to avoid

See SECTION 7

10.5 Incompatible materials

Oxidizing agent
Strong acids.
Metals

10.6 Hazardous decomposition products

none

SECTION 11: Toxicological information

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

Acute oral toxicity

Product
ATE-mix, oral, > 2000 mg/kg

Substance
2-Butoxyethanol, CAS: 111-76-2
LD50, oral, Rat, 1746 mg/kg (OECD 401)
LD50, oral, Guinea pig, 1414 mg/kg
ATE, oral, 1200 mg/kg bw
Sodium p-cumenesulphonate, CAS: 15763-76-5
LD50, oral, Rat, 6720 - 7000 mg/kg bw
Alcohols, C12-14 ethoxylated propoxylated, CAS: 68439-51-0
LD50, oral, Rat, >5000 mg/kg bw, OECD 401

Acute dermal toxicity

Product
dermal, Based on the available information, the classification criteria are not fulfilled.

Substance
2-Butoxyethanol, CAS: 111-76-2
LD50, dermal, Guinea pig, > 2000 mg/kg (OECD 402)
Sodium p-cumenesulphonate, CAS: 15763-76-5
LD50, dermal, Rabbit, > 2000 mg/kg
Alcohols, C12-14 ethoxylated propoxylated, CAS: 68439-51-0
LD50, dermal, Rat, >5000 mg/kg bw

Acute inhalational toxicity

Product
ATE-mix, inhalation (vapour), > 20 mg/mL

Substance
2-Butoxyethanol, CAS: 111-76-2
ATE, inhalation (vapour), 3 mg/L

Serious eye damage/irritation Based on the available information, the classification criteria are not fulfilled.

Substance
2-Butoxyethanol, CAS: 111-76-2
Study, irritant
Sodium p-cumenesulphonate, CAS: 15763-76-5
Eye, irritant

Skin corrosion/irritation Based on the available information, the classification criteria are not fulfilled.

Substance
2-Butoxyethanol, CAS: 111-76-2
Study, irritant

Sodium p-cumenesulphonate, CAS: 15763-76-5
dermal, non-irritating

Respiratory or skin sensitisation Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.

Substance
2-Butoxyethanol, CAS: 111-76-2
dermal, Guinea pig, OECD 406, negativ
Sodium p-cumenesulphonate, CAS: 15763-76-5
dermal, Guinea pig, OECD 406, non-sensitizing

Specific target organ toxicity — single exposure Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.

Substance
2-Butoxyethanol, CAS: 111-76-2
inhalative, non-irritating

Specific target organ toxicity — repeated exposure Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.

Substance
2-Butoxyethanol, CAS: 111-76-2
LOAEL, oral, Rat, 69 mg/kg bw/day, Study, negativ
LOAEC, inhalative, Rat, 152 mg/m³, Study, negativ
Sodium p-cumenesulphonate, CAS: 15763-76-5
NOAEL, dermal, Rat, 480 µg/cm² (chronic), The effects observed are not sufficient for classification.
NOAEL, oral, Rat, 763 mg/kg bw/day (subchronic), no adverse effect observed

Mutagenicity Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.

Substance
Sodium p-cumenesulphonate, CAS: 15763-76-5
in vitro, negativ
in vivo, negativ

Reproduction toxicity Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.

- Fertility

Substance
2-Butoxyethanol, CAS: 111-76-2
NOAEL, oral, Rat, 720 mg/kg bw/day, Study, negativ
Sodium p-cumenesulphonate, CAS: 15763-76-5
NOAEL, oral, Rat, 1000 mg/kg bw/day (subacute), no adverse effect observed

- Development

Substance
2-Butoxyethanol, CAS: 111-76-2
NOAEL, oral, Rat, 350mg/kg/day (maternal), 650mg/kg/day (development, no adverse effect observed
Sodium p-cumenesulphonate, CAS: 15763-76-5
NOAEL, oral, Rat, 936 mg/kg bw/day (subacute), no adverse effect observed

Carcinogenicity Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.

Substance
2-Butoxyethanol, CAS: 111-76-2
NOAEC, inhalative, Rat, 125 mg/m³, Study, negativ
Sodium p-cumenesulphonate, CAS: 15763-76-5
NOAEL, dermal, Rat, 240 mg/kg bw/day (chronic), OECD 453, no adverse effect observed

Aspiration hazard Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.

General remarks

Toxicological data of complete product are not available.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties Contains no ingredients with endocrine-disrupting properties.

11.2.2 Other information none

SECTION 12: Ecological information

12.1 Toxicity

Substance
2-Butoxyethanol, CAS: 111-76-2
LC50, (96h), Oncorhynchus mykiss, 1474 mg/l (OECD 203)
EC50, (48h), Daphnia magna, 1550 mg/l (OECD 202)
EC50, (72h), Pseudokirchneriella subcapitata, 1840 mg/l (OECD 201)
EC0, (16h), Pseudomonas putida, 700 mg/l (DIN 38412)
NOEL, (21d), Brachidanio rerio, > 100 mg/l
NOEL, (21d), Daphnia magna, 100 mg/l (OECD 211)
Sodium p-cumenesulphonate, CAS: 15763-76-5
LC50, (96h), Cyprinus carpio, > 100 mg/l OECD 203
EC50, (48h), Daphnia magna, > 100 mg/l OECD 202
EC50, (72h), Desmodesmus subspicatus, > 100 mg/l OECD 201
NOEC, (96h), Algae, 31 mg/l EPA OPPTS
ErC50, (3h), Bacteria, > 1000 mg/l OECD 209
Alcohols, C12-14 ethoxylated propoxylated, CAS: 68439-51-0
LC50, (96h), Fish, 1 - 10 mg/L
EC50, (48h), Daphnia magna, 1 - 10 mg/L
EC50, (72h), Desmodesmus subspicatus, 1 - 10 mg/L

12.2 Persistence and degradability

Behaviour in environment compartments No information available.

Behaviour in sewage plant No information available.

Biological degradability The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

Do not discharge product unmonitored into the environment or into the drainage.
Ecological data of complete product are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

The disposal by sewage disposal systems is generally not allowed.

Waste no. (recommended) 200130 detergents other than those mentioned in 20 01 29

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150102

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.4 Packing group

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID	no
Inland navigation (ADN)	no
Marine transport in accordance with IMDG	no
Air transport in accordance with IATA	no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not determined

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EG (2000/532/EC); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707
- Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- Annex XIV (REACH)	According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances ≥ 0.1% that are subject to authorisation.
- Annex XVII (REACH)	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product contains ≥ 0.1% of substances with the following restrictions. 75
	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions.
TRANSPORT-REGULATIONS	ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2024)
NATIONAL REGULATIONS (EU):	
- Observe employment restrictions for people	none
- VOC (2010/75/CE)	3,7 %

15.2 Chemical safety assessment

For this product a chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H315 Causes skin irritation.
H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.
H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform ChemicaL Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

This document does not comply with Regulation (EC) No 1907/2006, article 31 (5) and may be used for internal purposes only.

Classification procedure

Modified position 2.1, 2.2, 2.3, 3.2, 8.1, 8.2, 9.1, 10.1, 10.5, 10.6, 11.1, 13.1, 15.1, 16.2, 16.3

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