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

1.1 Product identifier

Degreaser
UFI: 2M8Q-VY57-210A-Q3U4

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

1.2.1 Relevant uses

Cleaning agent

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 (GB) CLP]

Skin Corr. 1: H314 Causes severe skin burns and eye damage.
Eye Dam. 1: H318 Causes serious eye damage.
Met. Corr. 1: H290 May be corrosive to metals.

2.2 Label elements

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

Hazard pictograms



Signal word DANGER

Contains: Tridecyl Alcohol Ethoxylate (>5-20 EO)

Hazard statements
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements
P260 Do not breathe vapours / spray.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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.
P390 Absorb spillage to prevent material damage.
P501 Dispose of contents/container in accordance with local/national regulation.

Cleaner, 648/2004/CE, contains:
5 - <15% non-ionic surfactants
5 - <15% anionic surfactant
perfumes LIMONENE
perfumes AMYL CINNAMAL
perfumes LINALOOL
perfumes BUTYLPHENYL METHYLPROPIONAL
perfumes

2.3 Other hazards

Human health dangers
If swallowed or in the event of vomiting, risk of product entering the lungs.
Contains no ingredients with endocrine-disrupting properties.

Environmental hazards Does not contain any PBT or vPvB substances.

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
5 - <10	Tridecyl Alcohol Ethoxylate (>5-20 EO)
	CAS: 69011-36-5, EINECS/ELINCS: 931-138-8
	GHS/CLP: Acute Tox. 4: H302 - Eye Dam. 1: H318
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	Alcohols, ethoxylated, sulfates Na-salts
	CAS: 68585-34-2, EINECS/ELINCS: 500-223-8
	GHS/CLP: Eye Irrit. 2: H319 - Skin Irrit. 2: H315
< 0,5	Sodium hydroxide
	CAS: 1310-73-2, EINECS/ELINCS: 215-185-5, EU-INDEX: 011-002-00-6, Reg-No.: 01-2119457892-27-XXXX
	GHS/CLP: Met. Corr. 1: H290 - Skin Corr. 1A: H314 - Eye Dam. 1: H318
	SCL [%]: 0,5 - <2: Skin Irrit. 2: H315, 2 - <5: Skin Corr. 1A: H314, >= 5: Skin Corr. 1A: H314, 0,5 - <2: Eye Irrit. 2: H319

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
Remove the victim into fresh air and keep him calm.
In the event of symptoms seek medical treatment.

Skin contact
Immediate medical treatment necessary, as untreated burns can result in slow-healing wounds.
In case of contact with skin wash off immediately with soap and water.

Eye contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Seek medical advice immediately.

Ingestion
Consult a doctor immediately.
Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

Product is caustic.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
If swallowed or in the event of vomiting, risk of product entering the lungs.
Forward this sheet to your doctor.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media
Foam, dry powder, water spray jet, carbon dioxide

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

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Wear full protective suit.

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.
High risk of slipping due to leakage/spillage of product.
Use personal protective equipment (protective gloves, safety glasses, protective clothing).

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.

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 only in well-ventilated areas.
The normal safety precautions for handling chemicals must be observed.

Take off contaminated clothing and wash before reuse.
Showers and eye wash stations should be provided.
Do not eat, drink, smoke or take drugs at work.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Prevent penetration into the ground.
Provide alkali-resistant floor.
Keep only in original container.

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

Keep container tightly closed.
Keep container in a well-ventilated place.
Protect from heat/overheating.

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 (UK)

Substance
Sodium hydroxide
CAS: 1310-73-2, EINECS/ELINCS: 215-185-5, EU-INDEX: 011-002-00-6, Reg-No.: 01-2119457892-27-XXXX
Short-term exposure (15-minute): 2 mg/m³

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

not relevant

DNEL

Substance
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
Sodium hydroxide, CAS: 1310-73-2
Industrial, inhalative, Long-term - local effects, 1,0 mg/m³
general population, inhalative, Long-term - local effects, 1,0 mg/m³

PNEC

Substance
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
Sodium hydroxide, CAS: 1310-73-2
There are no PNEC values established for the substance.

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Tightly fitting goggles. (EN 166:2001)
Hand protection	0,7mm Butyl rubber, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Alkali-resistant protective clothing (EN 340)
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. Avoid contact with eyes and skin. Do not breathe vapour/spray.
Respiratory protection	Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, filter P3. (DIN EN 143)
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	liquid
Color	colourless
Odor	characteristic
Odour threshold	not required
pH-value	ca. 12,7 (20°C)
pH-value [1%]	not determined
Boiling point or initial boiling point and boiling range [°C]	> 100
Flash point [°C]	not applicable
Flammability	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm³]	1,09 (20 °C / 68,0 °F)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	completely miscible
Solubility other solvents	No information available.
Partition coefficient n-octanol/water (log value)	not determined
Kinematic viscosity	not relevant
Relative vapour density	not relevant
Melting point [°C]	not determined
Auto-ignition temperature [°C]	not self-igniting
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

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with acids and strong oxidizing agents.
Corrosive to metals.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

Various metals.
Acids
Oxidizing agent

10.6 Hazardous decomposition products

No hazardous decomposition products known.

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
Alcohols, ethoxylated, sulfates Na-salts, CAS: 68585-34-2
LD50, oral, Rat, > 2000 mg/kg
Sodium p-cumenesulphonate, CAS: 15763-76-5
LD50, oral, Rat, 6720 - 7000 mg/kg bw
Tridecyl Alcohol Ethoxylate (>5-20 EO), CAS: 69011-36-5
LD50, oral, Rat, > 300-2000 mg/kg (Lit.)

Acute dermal toxicity

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

Substance
Sodium p-cumenesulphonate, CAS: 15763-76-5
LD50, dermal, Rabbit, > 2000 mg/kg
Tridecyl Alcohol Ethoxylate (>5-20 EO), CAS: 69011-36-5
LD50, dermal, Rat, > 2000 mg/kg (Lit.)

Acute inhalational toxicity

Product
ATE-mix, inhalativ (mist), > 5 mg/l 4h

Serious eye damage/irritation

Product is caustic.
Based on the available information, the classification criteria are fulfilled.
Calculation method
The classification as corrosive is due to the extreme pH.

Substance
Sodium p-cumenesulphonate, CAS: 15763-76-5
Eye, irritant
Sodium hydroxide, CAS: 1310-73-2
Eye, corrosive

Skin corrosion/irritation

Product is caustic.
Based on the available information, the classification criteria are fulfilled.
Calculation method
The classification as corrosive is due to the extreme pH.

Substance
Sodium p-cumenesulphonate, CAS: 15763-76-5
dermal, non-irritating
Sodium hydroxide, CAS: 1310-73-2
dermal, corrosive

Respiratory or skin sensitisation

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

Substance
Sodium p-cumenesulphonate, CAS: 15763-76-5
dermal, Guinea pig, OECD 406, non-sensitizing
Sodium hydroxide, CAS: 1310-73-2
dermal, non-sensitizing

Specific target organ toxicity — single exposure Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are not fulfilled.

Substance
Sodium p-cumenesulphonate, CAS: 15763-76-5
NOAEL, oral, Rat, 763 mg/kg bw/day (subchronic), no adverse effect observed
NOAEL, dermal, Rat, 480 µg/cm² (chronic), The effects observed are not sufficient for classification.

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

- Fertility

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

- Development

Substance
Sodium p-cumenesulphonate, CAS: 15763-76-5
NOAEL, oral, Rat, 936 mg/kg bw/day (subacute), no adverse effect observed

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

Substance
Sodium p-cumenesulphonate, CAS: 15763-76-5
NOAEL, dermal, Rat, 240 mg/kg bw/day (chronic), OECD 453, no adverse effect observed

Aspiration hazard 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
Alcohols, ethoxylated, sulfates Na-salts, CAS: 68585-34-2
LC50, (72h), Algae, 1-10 mg/l
EC50, (48h), Daphnia magna, 1-10 mg/l
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
Tridecyl Alcohol Ethoxylate (>5-20 EO), CAS: 69011-36-5
LC50, (96h), Cyprinus carpio, > 1 - 10 mg/l (Lit.) OECD 203
EC50, (48h), Daphnia magna, > 1 - 10 mg/l (Lit.) OECD 202
EC50, (72h), Desmodesmus subspicatus, > 1 - 10 mg/l (Lit.) OECD 201
Sodium hydroxide, CAS: 1310-73-2
EC50, (48h), Invertebrates, 40,4 mg/L

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

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.

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

Dispose of as hazardous waste.
Coordinate disposal with the authorities if necessary.

Waste no. (recommended) 070601*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID	1760
Inland navigation (ADN)	1760
Marine transport in accordance with IMDG	1760
Air transport in accordance with IATA	1760

14.2 UN proper shipping name

Transport by land according to ADR/RID	Corrosive liquid, n.o.s. (Alanine, N,N-bis(carboxymethyl)-, Trisodium salt, Sodium hydroxide)
- Classification Code	C9
- Label	
- ADR LQ	5 l
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 3 (E)
Inland navigation (ADN)	Corrosive liquid, n.o.s. (Alanine, N,N-bis(carboxymethyl)-, Trisodium salt, Sodium hydroxide)
- Classification Code	C9
- Label	
Marine transport in accordance with IMDG	Corrosive liquid, n.o.s. (Alanine, N,N-bis(carboxymethyl)-, Trisodium salt, Sodium hydroxide)
- EMS	F-A, S-B
- Label	
- IMDG LQ	5 l
Air transport in accordance with IATA	Corrosive liquid, n.o.s. (Alanine, N,N-bis(carboxymethyl)-, Trisodium salt, Sodium hydroxide)
- Label	

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	8
Inland navigation (ADN)	8
Marine transport in accordance with IMDG	8
Air transport in accordance with IATA	8

14.4 Packing group

Transport by land according to ADR/RID	III
Inland navigation (ADN)	III
Marine transport in accordance with IMDG	III
Air transport in accordance with IATA	III

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 applicable

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 subject to the following restrictions. 3
TRANSPORT-REGULATIONS	ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2024)
NATIONAL REGULATIONS (UK):	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	<1%

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H314 Causes severe skin burns and eye damage.
H290 May be corrosive to metals.
H315 Causes skin irritation.

H319 Causes serious eye irritation.
H318 Causes serious eye damage.
H302 Harmful if swallowed.

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

Classification procedure

Skin Corr. 1: H314 Causes severe skin burns and eye damage. (Calculation method)
Eye Dam. 1: H318 Causes serious eye damage. (Calculation method)
Met. Corr. 1: H290 May be corrosive to metals. (Calculation method)

Modified position

2.3, 11.2, 12.6

Copyright: Chemiebüro®