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

1.1 Product identifier

Wash & Shine
UFI: VH3D-H89S-920M-DQ2Q

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

1.2.1 Relevant uses

Shampoo

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]

Skin Sens. 1: H317 May cause an allergic skin reaction.
Eye Dam. 1: H318 Causes serious eye damage.

2.2 Label elements

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

Hazard pictograms





Signal word DANGER

Contains: Alcohol C13 iso, ethoxylated
1,2-benzisothiazol-3(2H)-one
2-Methyl-2H-isothiazolin-3-one

Hazard statements
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

Precautionary statements
P261 Avoid breathing mist/vapours/spray.
P280 Wear 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.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

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
3 - 10	Alcohol C13 iso, ethoxylated
	CAS: 9043-30-5, EINECS/ELINCS: 500-027-2
	GHS/CLP: Acute Tox. 4: H302 - Eye Dam. 1: H318
< 0,05	1,2-benzisothiazol-3(2H)-one
	CAS: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6
	GHS/CLP: Acute Tox. 2: H330 - Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M-Factor (acute): 1, M-Factor (chronic): 1
	SCL [%]: ≥ 0,036: Skin Sens. 1A: H317
0,0015 - < 0,025	2-Methyl-2H-isothiazolin-3-one
	CAS: 2682-20-4, EINECS/ELINCS: 220-239-6, EU-INDEX: 613-326-00-9, Reg-No.: 01-2120764690-50-XXXX
	GHS/CLP: Acute Tox. 3: H301 H311 - Acute Tox. 2: H330 - Skin Corr. 1B: H314 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - EUH071, M-Factor (acute): 10, M-Factor (chronic): 1
	SCL [%]: >=0,0015: Skin Sens. 1: H317

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.
In the event of symptoms seek medical treatment.

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.
Seek medical advice immediately.

Ingestion Do not induce vomiting.
Seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.
Allergic reactions

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.

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

6.2 Environmental precautions

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

The normal safety precautions for handling chemicals must be observed.

Do not eat, drink, smoke or take drugs at work.
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 food and animal food/diet.

Keep container tightly closed.
Keep away from frost.
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 EU (2004/37/EG)

not relevant

DNEL

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
Industrial, inhalative, Long-term - local effects, 21 µg/m³
Industrial, inhalative, Acute - local effects, 43 µg/m³
general population, oral, Long-term - systemic effects, 27 µg/kg bw/day
general population, oral, Acute - systemic effects, 53 µg/kg bw/day
general population, inhalative, Long-term - local effects, 21 µg/m³
general population, inhalative, Acute - local effects, 43 µg/m³

PNEC

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
freshwater, 3,39 µg/L
seawater, 3,39 µg/L
sewage treatment plants (STP), 230 µg/L
soil, 47 µg/kg soil dw

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	safety glasses (EN 166:2001)
Hand protection	0,4mm Nitrile rubber, >120 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. 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.
Respiratory protection	Breathing apparatus in the event of aerosol or mist formation.
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	orange
Odor	pleasant
Odour threshold	not required
pH-value	4,2
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]	2,3 (20°C)
Density [g/cm³]	1,01 (20 °C / 68,0 °F)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	completely miscible
Solubility other solvents	not relevant
Partition coefficient n-octanol/water (log value)	not determined
Kinematic viscosity	not relevant
Relative vapour density	not required
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 strong oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

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
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LD50, oral, Rat, 120 mg/kg bw
Alcohol C13 iso, ethoxylated, CAS: 9043-30-5
LD50, oral, 300 - < 2000 mg/kg bw
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, oral, Rat, 490 - 670 mg/kg bw
NOAEL, oral, Rat, 69 - 150 mg/kg bw/day
ATE, oral, 450 mg/kg

Acute dermal toxicity

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

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LD50, dermal, Rat, 242 mg/kg bw
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD10, dermal, Rat, 2000 mg/kg bw

Acute inhalational toxicity

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

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, inhalative, Rat, 340 µg/m³
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
ATE, inhalativ (mist), 0,21 mg/L

Serious eye damage/irritation

Risk of serious damage to eyes.
Based on the available information, the classification criteria are fulfilled.
Toxicological data of complete product are not available.
Calculation method

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
Eye, Causes serious eye damage.
Alcohol C13 iso, ethoxylated, CAS: 9043-30-5
Eye, Causes serious eye damage.

Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
Rabbit, in vivo, corrosive

Respiratory or skin sensitisation

May cause an allergic skin reaction.
Based on the available information, the classification criteria are fulfilled.
Toxicological data of complete product are not available.

Calculation method

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
dermal, Guinea pig, OECD 429, sensitising

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.
Toxicological data of complete product are not available.

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.
Toxicological data of complete product are not available.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
NOAEL, oral, Rat, 19 mg/kg bw/day, 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.
Toxicological data of complete product are not available.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
in vitro, OECD 471, 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.
Toxicological data of complete product are not available.

- Fertility

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
NOAEL, oral, Rat, 69 mg/kg bw/day, no adverse effect observed

- Development

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
NOAEL, oral, Rabbit, 30 mg/kg bw/day (chronic), 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.
Toxicological data of complete product are not available.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
NOAEL, oral, Rat, 3,1 mg/kg bw/day, no adverse effect observed
NOAEL, dermal, mouse, 400 mg/kg bw/day (chronic), 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

none

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-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, (96h), Fish, 4,77 mg/L
EC50, (48h), Invertebrates, 934 µg/L
EC50, (96h), Algae, 72 µg/L
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), Fish, 2.15 - 22 mg/L
EC50, (48h), Invertebrates, 2.9 - 2.94 mg/L
EC50, (72h), Algae, 70 - 150 µg/L

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant not determined

Biological degradability The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
The product is not readily biodegradable.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
63% (4d), OECD 301 C
85% (63d), OECD 301 C

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
BCF, 3,16
log Kow, <= 0,32, OECD 117
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
BCF, 6,95, OECD 305
log Kow, 0,7, OECD 117

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

None known.

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

Coordinate disposal with the authorities if necessary.

Waste no. (recommended) 200129*

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 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 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) 2024/573; (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 (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2025)
NATIONAL REGULATIONS (EU):	
- 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)

EUH071 Corrosive to the respiratory tract.
H314 Causes severe skin burns and eye damage.
H301+H311 Toxic if swallowed or in contact with skin.

H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.
H315 Causes skin irritation.
H330 Fatal if inhaled.
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

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

Classification procedure Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)
Eye Dam. 1: H318 Causes serious eye damage. (Calculation method)

Modified position 1.3, 2.1, 2.2, 2.3, 3.2, 4.2, 8.1, 9.1, 11.1, 15.1, 16.2, 16.3

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