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

1.1 Product identifier

Trade name: GLORIA® TOP FOAM Auto-Shampoo

Article number: 001160.0000

UFI: 9600-606D-800T-5RE8

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

Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC35 Washing and cleaning products (including solvent based products)

Application of the substance / the mixture Car care product

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

GLORIA Haus- und Gartengeräte GmbH

Därmannsbusch 7 D-58456 Witten

Phone: +49 (0) 2302 / 700-0 Fax: +49 (0) 2302 / 700-446

Further information obtainable from:

E-mail: info@gloria-garten.com Phone: +49 (0) 2302 / 700-0

1.4 Emergency telephone number:

In England and Wales: dial 111 (NHS 111)

In Scotland: dial 111 (NHS 24)

In N Ireland: Contact your local GP or pharmacist during normal hours; click here (www.gpoutofhours.hscni.net) for GP services Out-of-Hours. In Republic of Ireland: 01 809 2166 (Poisons Information Centre of Ireland)

Germany: +49 (0) 89 19240 (Poison Centre Munich)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1A H317 May cause an allergic skin reaction.

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



GHS07

Signal word Warning

Hazard-determining components of labelling:

2-methylisothiazol-3(2H)-one

Hazard statements

H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear protective gloves/eye protection. P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable. **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Aqueous tenside solution.

Dangerous components:		
CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-xxxx	alcohols, C12-14, ethoxylated, sulfates, sodium salts Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 5 % ≤ C < 10 %	5-<10%
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35-xxxx	1-Methoxy-2-propanol ♦ Flam. Liq. 3, H226; ♦ STOT SE 3, H336	1-<3%
CAS: 308062-28-4 EC No 931-292-6 Reg.nr.: 01-2119490061-47-xxxx	Amines, C12-14 (even numbered)-alkyldimethyl, Nooxides Alternative CAS number: 70592-80-2 Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315	<0.25%
CAS: 2682-20-4 EINECS: 220-239-6 Reg.nr.: 01-2120764690-50-xxxx	2-methylisothiazol-3(2H)-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 %	>0.0015-<0.01%

Regulation (EC) No 648/2004 on detergents / Labelling for contents	
anionic surfactants	≥5 - <15%
perfumes, limonene, linalool, methylisothiazolinone, benzisothiazolinone, sodium pyrithione	

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

General information: Remove soiled clothing

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Wash the areas of skin affected with water and a mild detergent.

If symptoms persist consult doctor.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Eye irritation sensitization Allergic reactions

4.3 Indication of any immediate medical attention and special treatment needed

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

The normal measures for firefighting are to be taken.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

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).

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling No special precautions are necessary if used correctly. **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: Prevent any seepage into the ground.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Protect from frost.

Recommended storage temperature: 20 °C.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with lim	Ingredients with limit values that require monitoring at the workplace:	
CAS: 107-98-2 1-Me	ethoxy-2-propanol	
,	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Sk	
	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Skin	

Regulatory information

WEL (Great Britain): EH40/2020 IOELV (EU): (EU) 2019/1831

DNELs		
CAS: 688	S: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts	
Oral	DNEL	15 mg/kg (VL)
Dermal		1,650 mg/kg (VL)
		2,750 mg/kg (worker long-term)
Inhalative	DNEL	52 mg/m³ (VL)

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	DAIE	475 / 2/ / / /	(Contd. of pag	
0.10 (0)		175 mg/m³ (worker long-term)		
		-Methoxy-2-propanol		
Oral		3.3 mg/kg (consumer) (long-term / systemic effects)		
Dermal	DNEL	18.1 mg/kg (consumer) (long-term / systemic effects)		
		50.6 mg/kg (worker) (long-term / systemic effects)		
Inhalative	DNEL	43.9 mg/m³ (consumer) (long-term / systemic effects)		
		553.5 mg/m³ (worker) (short-term / local effects)		
		369 mg/m³ (worker) (long-term / systemic effects)		
CAS: 30		-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides		
Oral		0.44 mg/kg bw/day (consumer) (longterm / systemic effects)		
Dermal	DNEL	5.5 mg/kg bw/day (consumer) (longterm / systemic effects)		
		11 mg/kg bw/day (worker) (longtime / systemic effects)		
Inhalative	DNEL	1.53 mg/m³ (consumer) (longterm / systemic effects)		
		6.2 mg/m³ (worker) (longterm / systemic effects)		
PNECs				
CAS: 68	391-38-3	Balcohols, C12-14, ethoxylated, sulfates, sodium salts		
PNEC 1	0,000 m	g/l (sewage plant)		
0.	071 mg/	/l (sporadic release)		
0.	24 mg/l	mg/l (water (fresh water))		
0.	0.024 mg/l (water (sea water))			
PNEC 7.	5 mg/kg	(gro)		
0.	9168 m	g/kg (sediment (fresh water))		
0.	09168 r	ng/kg (sediment (sea water))		
CAS: 10	: 107-98-2 1-Methoxy-2-propanol			
PNEC 1	00 mg/l ((STP)		
1	00 mg/l ((water (intermittent release))		
1	0 mg/l (v	vater (fresh water))		
1	mg/l (wa	ater (sea water))		
PNEC 2.	47 mg/k	g (gro)		
	.6 mg/kg (sediment (fresh water))			
4.	17 mg/k	g (sediment (sea water))		
CAS: 30	3062-28	-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides		
PNEC 0.	0335 m	g/l (water (intermittent release))		
0.	0335 m	g/l (water (fresh water))		
0.	00335 n	ng/l (water (sea water))		
	C 24 mg/kg (STP)			
		g (sediment (fresh water))		
	_	/kg (sediment (sea water))		
	02 mg/k			

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

8.2 Exposure controls

Suitable technical control devices

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Respiratory protection:

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

Protection of hands: Protective gloves

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Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

[EN 374]

Penetration time of glove material Value for the permeation: Level 6 (≥ 480 min)

Eye protection: Safety glasses [EN 166]

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid Colour: Colourless Odour: Citrus

Odour threshold: Not determined.

pH-value at 20 °C: 7.0 - 8.0

Change in condition

Melting point/freezing point: Undetermined. Initial boiling point and boiling range: 100 - 120 °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: 1.01 - 1.02 g/cm3

Relative density Not determined. Vapour density Not determined. Evaporation rate Not determined.

Solubility in / Miscibility with

Fully miscible. Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Flow time at 20 °C 10 - 15 s (DIN EN ISO 2431/4mm) 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity No dangerous reactions known.
- 10.2 Chemical stability Stable under normal conditions.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- 10.4 Conditions to avoid See Section 7 for information on safe handling.
- 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 There are no toxicological findings on this mixture.

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Acute toxicity Based on available data, the classification criteria are not met.

	•	
LD/LC50	values rel	levant for classification:
CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (rat) (OECD 402)
CAS: 107-98-2 1-Methoxy-2-propanol		
Oral	LD50	4,016 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC0 / 6h	>7,000 ppm (rat)
CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides		
Oral	LD50	1.064 ma/ka (rat)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Repeated dose toxicity

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

NOAEL 88 mg/kg (rat) (subchronic effects) Dermal LOAEL 0.045 mg/cm² (mouse) (subchronic effects)

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

None of the ingredients are known to have effects which are carcinogenic, mutagenic or harmful to 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 There are no ecotoxicological data available on this mixture.

CAS: 688	CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts			
LC 50	>10-≤100 mg/l (Leuciscus idus) (DIN EN ISO 7346-2)			
EC0	>100 mg/l (bacteria) (OECD 209)			
EC50	>100 mg/l (Scenedesmus subspicatus) (OECD 201)			
	>10-100 mg/l (Daphnia magna) (OECD 202)			
NOEC	>1-10 mg/l (Leuciscus idus)			
CAS: 107	7-98-2 1-Methoxy-2-propanol			
LC50 / 96	6h >6,800 mg/l (Leuciscus idus) (DIN38412)			
LC50 / 48	Bh 23,300 mg/l (Daphnia magna)			
EC50	>1,000 mg/l (Pseudokirchneriella subcapitata) (7d)			
EC50/3h	>1,000 mg/l (activated sludge) (OECD 209)			
CAS: 308	8062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides			
LC50 / 96	6h 2.67 mg/l (fish)			
EC50	3.1 mg/l (waterflea /Wasserfloh)			
IC 50	0.143 mg/l (seaweed (Seegras))			
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CAS: 2682-20-4 2-methylisothiazol-3(2H)-one

EC 20 / 3h | 2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test)) EC50/3h | 34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test))

12.2 Persistence and degradability

The surface-active substances contained in the product meet the requirement of the EU Detregent Regulation (EC/648/2004) for ultimate biodegradability for surfactants in detergents.

CAS: 107-98-2 1-Methoxy-2-propanol

Biodegradiation 90-100 % (OEECD 301E)

12.3 Bioaccumulative potential

CAS: 107-98-2 1-Methoxy-2-propanol

log Kow ≤0.43 log Kow (25°C)

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes: The product may not be released into the environment without control.

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

Not classified as hazardous waste according to Annex III to Directive 2008/98/EC.

Recommendation Waste must be disposed of while observing the local, official regulations.

European waste catalogue

- 1) Disposal / product
- 2) Disposal / contaminated packaging

20 01 30 detergents other than those mentioned in 20 01 29

15 01 02 plastic packaging

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA Void

14.2 UN proper shipping name ADR, IMDG, IATAVoid

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user Not applicable.

UN "Model Regulation": Void

SECTION 15: Regulatory information

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

EC/1907/2006 (REACh) EC/1272/2008 (CLP) EC/648/2004

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National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

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

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

Serious eye damage/eye irritation The classification of the mixture is generally based on the calculation Skin sensitisation method using substance data according to Regulation (EC) No 1272/2008.

Abbreviations and acronyms:

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = letal Concentration

EC50 = half maximal effective concentration

log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ATE: acute toxicity estimate

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

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

IOELV = indicative occupational exposure limit values

Flam. Liq. 3: Flammable liquids – Ćategory 3

Acute Tox. 3: Acute toxicity - oral – Category 3 Acute Tox. 4: Acute toxicity - oral – Category 4 Acute Tox. 2: Acute toxicity - inhalation – Category 2

Skin Corr. 1B: Skin corrosion/irritation – Category 1B Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Skin Sens. 1A: Skin sensitisation – Category 2 Skin Sens. 1A: Skin sensitisation – Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

Version history and indication of changes: Replaces version 1.00.

* Data compared to the previous version altered.