

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 03.05.2018

Version: 5

Revision: 03.05.2018

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

1.1 Product identifier

Trade name: STIHL Auto Shampoo & Wax CC 30**Article number:**

0797 010 2047

[03.05.2018]

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:

ANDREAS STIHL AG & Co. KG

Badstr. 115

D-71336 Waiblingen

Tel: +49 (0)7151-26-3237

Fax: +49 (0)7151-26-8-3237

info@stihl.com

Further information obtainable from:**Headquarter:** see Manufacturer/Supplier**United Kingdom:**

ANDREAS STIHL LIMITED

Stihl House, Stanhope Road,

Camberley, Surrey, GU15 3YT

tel: +44 (0) 1276 20202 / fax: +44 (0) 1276 670502

e-mail: custservice@stihl.co.uk

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

The product is not classified according to the CLP regulation.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Precautionary statements** P102 Keep out of reach of children.**Additional information:**

EUH210 Safety data sheet available on request.

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, phosphate-free

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Dangerous components:

EC No 932-164-2 Reg.nr.: 01-2119565130-50-xxxx	Reaction mass of Amides, rape-oil, N-(hydroxyethyl), ethoxylated and Glycerol, ethoxylated ⚠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412	3-<5%
CAS: 147170-44-3 Reg.nr.: 01-2119489410-39-xxxx	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts ⚠ Eye Dam. 1, H318; Aquatic Chronic 3, H412	3-<5%
CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36-xxxx	2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-<3%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

non-ionic surfactants, amphoteric surfactants	<5%
methylisothiazolinone, benzisothiazolinone, sodium pyrrhione	

Additional information:

147170-44-3 (REACH registered CAS)

alternative CAS:61789-40-0

Any entry in the EC-column that begins with the number "9" is a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. See Section 15 for additional CAS number information for the substance.

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: No special measures required.

After inhalation: No special measures required

After skin contact:

Generally the product does not irritate the skin.

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

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

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

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

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.

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 enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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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 limit values that require monitoring at the workplace:

CAS: 111-76-2 2-butoxyethanol

WEL (Great Britain)	Short-term value: 246 mg/m ³ , 50 ppm
	Long-term value: 123 mg/m ³ , 25 ppm
Sk, BMGV	
IOELV (EU)	Short-term value: 246 mg/m ³ , 50 ppm
	Long-term value: 98 mg/m ³ , 20 ppm
Skin	

Regulatory information

WEL (Great Britain): EH40/2011

IOELV (EU): (EU) 2017/164

DNELs

Reaction mass of Amides, rape-oil, N-(hydroxyethyl), ethoxylated and Glycerol, ethoxylated

Oral	DNEL	1 mg/kg bw/day (consumer) (longterm systematic effects)
Dermal	DNEL	1 mg/kg bw/day (consumer) (longterm systematic effects)
		2 mg/kg bw/day (worker) (longterm systematic effects)
Inhalative	DNEL	1.74 mg/m ³ (consumer) (longterm systematic effects)
		7.05 mg/m ³ (worker) (longterm systematic effects)

CAS: 147170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts

Oral	DNEL	7.5 mg/kg (consumer) (longterm systematic effects)
Dermal	DNEL	7.5 mg/kg (consumer) (longterm systematic effects)
		12.5 mg/kg (worker) (longterm systematic effects)
Inhalative	DNEL	44 mg/m ³ (worker) (longterm systematic effects)

CAS: 111-76-2 2-butoxyethanol

Oral	DNEL	13.4 mg/kg (consumer) (acute effect)
	DNEL	3.2 mg/kg (consumer) (chronic effect (24h))
Dermal	DNEL	44.5 mg/kg (consumer) (acute effects (24h))
	DNEL	89 mg/kg (worker) (acute effect (24h))
	DNEL	38 mg/kg (consumer) (chronic effect (24h))

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Inhalative	DNEL	75 mg/kg (worker) (chronic effects (24h))
		426 mg/m ³ (consumer) (acute effects)
		663 mg/m ³ (worker) (acute Effect)
	DNEL	123 mg/m ³ (consumer) (acute effect, local effects)
		246 mg/m ³ (worker) (acute effect, local effects)
	DNEL	49 mg/m ³ (consumer) (chronic effect)
		98 mg/m ³ (worker) (chronic effects)

PNECs

Reaction mass of Amides, rape-oil, N-(hydroxyethyl), ethoxylated and Glycerol, ethoxylated

PNEC	0.0115 mg/l (water (fresh water))
	0.00115 mg/l (water (sea water))
PNEC	7.395 mg/kg (sediment (fresh water))
	0.0741 mg/kg (sediment (sea water))
	1.47 mg/kg (soil)

CAS: 147170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts

PNEC	3,000 mg/l (STP)
	0.0135 mg/l (water (fresh water))
	0.00135 mg/l (water (sea water))
PNEC	1 mg/kg (sediment (fresh water))
	0.1 mg/kg (sediment (sea water))
	0.8 mg/kg (soil)

CAS: 111-76-2 2-butoxyethanol

PNEC	9.1 mg/l (sporadic release)
	463 mg/l (STP)
	8.8 mg/l (water (fresh water))
	0.88 mg/l (water (sea water))
PNEC	34.6 mg/kg (sediment (fresh water))
	3.46 mg/kg (sediment (sea water))
	2.8 mg/kg (soil)

Ingredients with biological limit values:

CAS: 111-76-2 2-butoxyethanol

BMGV (Great Britain)	240 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: butoxyacetic acid

Regulatory information BMGV (Great Britain): EH40/2011

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

8.2 Exposure controls

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: Not required in normal cases.

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Trade name: STIHL Auto Shampoo & Wax CC 30

Eye protection: Not required in normal cases

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Yellow
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value:	5,5 - 6,5
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Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	≥ 100 °C

Flash point:	Not applicable.
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Flammability (solid, gas):	Not applicable.
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Decomposition temperature:	Not determined.
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Auto-ignition temperature:	Product is not selfigniting.
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Explosive properties:	Product does not present an explosion hazard.
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Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure:	Not determined.
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Density at 20 °C:	1,02 - 1,04 g/cm ³
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Relative density	Not determined.
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Vapour density	Not determined.
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Evaporation rate	Not determined.
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Solubility in / Miscibility with water:

Fully miscible.

Partition coefficient: n-octanol/water:	Not determined.
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Viscosity:

Flow time at 20 °C	20 - 25 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.

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

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LD/LC50 values relevant for classification:
Reaction mass of Amides, rape-oil, N-(hydroxyethyl), ethoxylated and Glycerol, ethoxylated

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

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

CAS: 147170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts

Oral LD50 >5,000 mg/kg (rat) (OECD 401)

Dermal LD50 >2,000 mg/kg (rat) (OECD 402)

CAS: 111-76-2 2-butoxyethanol

Oral LD0 1,414 mg/kg (Gp)

LD50 1,746 mg/kg (rat)

Primary irritant effect:
Skin corrosion/irritation

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

Serious eye damage/irritation

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

Values relevant for classification:
147170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts:

Specific concentration limits [SCL] (ECHA)

> 4.0% - < 10.0% Eye Irrit. 2 | >10.0% Eye Damage 1

Respiratory or skin sensitisation

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

Repeated dose toxicity

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

Reaction mass of Amides, rape-oil, N-(hydroxyethyl), ethoxylated and Glycerol, ethoxylated

Oral NOAEL 200 mg/kg (rat)

CMR effects (carcinogenicity, 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.

Aquatic toxicity:
Reaction mass of Amides, rape-oil, N-(hydroxyethyl), ethoxylated and Glycerol, ethoxylated

LC50 / 96h 2.9 mg/l (fish) (OECD 203)

EC50 / 48h 3.8 mg/l (daphnia) (OECD 202)

EC50 / 72h 410 mg/l (algae) (OECD 201)

NOEC / 21 d 0.4 mg/l (daphnia) (OECD 211)

NOEC / 72 h 4.9 mg/l (algae) (OECD 201)

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CAS: 147170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts

LC 50	>1-10 mg/l (Pimephales promelas) (OECD 203)
EC0	>100 mg/l (Pseudomonas putida) (OECD 209)
EC50	>1-10 mg/l (Daphnia magna) (OECD 202)
	>1-10 mg/l (Desmodesmus subspicatus) (OECD 201)
NOEC	≤1 mg/l (Oncorhynchus mykiss) (OECD 210)
	≤1 mg/l (Daphnia magna) (OECD 211)

CAS: 111-76-2 2-butoxyethanol

Oral EC0/16h	700 mg/l (Pseudomonas putida)
LC0	>3.1 mg/l (Gp)
LC50 / 96h	1,474 mg/l (Oncorhynchus mykiss)
EC50 / 48h	1,550 mg/l (daphnia) (OECD 202)
EC50 / 72h	1,840 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOELR 21d	>100 mg/l (Brachydanio rerio)
	100 mg/l (Daphnia magna)

12.2 Persistence and degradability

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

12.3 Bioaccumulative potential

Reaction mass of Amides, rape-oil, N-(hydroxyethyl), ethoxylated and Glycerol, ethoxylated

log POW | 5 log POW

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.
The product does not contain organically bounded halogens (AOX-free).
The product does not contain organic complexing agents.

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 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, IATA | Void

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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

The following substance(s) in this product is (are) identified by CAS number either in countries not subject to the REACH regulation.

Reaction mass of Amides, rape-oil, N-(hydroxyethyl), ethoxylated and Glycerol, ethoxylated: 85536-23-8

National regulations:

Information about limitation of use:

Employment restrictions concerning pregnant and lactating women must be observed.

Employment restrictions concerning juveniles 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

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = Lethal 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

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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

*** Data compared to the previous version altered.**