

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2020

Version: 1.02

Revision: 01.07.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** STIHL Universal cleaner CU 100
[19.12.2018]**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** All purpose cleaner**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

ANDREAS STIHL AG & Co. KG

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D-71336 Waiblingen

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

ANDREAS STIHL LIMITED

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Camberley, Surrey, GU15 3YT

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Magna Drive,

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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.

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vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Tensides in aqueous solution with phosphates

Dangerous components:

CAS: 68515-73-1	Alkyl polyglycoside C8-10	1-<3%
NLP: 500-220-1	☞ Eye Dam. 1, H318; Aquatic Chronic 3, H412	
Reg.nr.: 01-2119488530-36-xxxx	Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 10 % ≤ C < 10 %	

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

phosphates, non-ionic surfactants, amphoteric surfactants	<5%
perfumes	

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: 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.

Do not induce vomiting; call for medical help immediately.

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:

The product is not flammable.

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 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).

Dispose contaminated material as waste according to item 13.

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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:

Store only in the original receptacle.
 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:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS: 68515-73-1 Alkyl polyglycoside C8-10

Oral	DNEL	35.7 mg/kg (consumer) (longterm exposure - systemic effects)
Dermal	DNEL	357,000 mg/kg (consumer) (longterm exposure - systemic effects)
	DNEL	595,000 mg/kg (worker) (longterm exposure - systemic effects)
Inhalative	DNEL	124 mg/m ³ (consumer) (longterm exposure - systemic effects)
		420 mg/m ³ (worker) (longterm exposure - systemic effects)

PNECs

CAS: 68515-73-1 Alkyl polyglycoside C8-10

PNEC	0.27 mg/l (sporadic release)
	560 mg/l (STP)
	0.176 mg/l (water (fresh water))
	0.0176 mg/l (water (sea water))
PNEC	111.11 mg/kg (oral (secondary poisoning))
	0.654 mg/kg (gro)
	1.516 mg/kg (sediment (fresh water))
	0.152 mg/kg (sediment (sea water))

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

Protection of hands: Not required in normal cases.

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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:	Green
Odour:	Wooden
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 °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 applicable
Upper: Not applicable

Vapour pressure: Not determined.

Density at 20 °C: 1.04-1.06 g/cm³

Relative density Not determined.

Vapour density Not determined.

Evaporation rate Not determined.

Solubility in / Miscibility with water:

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

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

LD/LC50 values relevant for classification:

CAS: 68515-73-1 Alkyl polyglycoside C8-10

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
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Dermal LD50 >2,000 mg/kg (rabbit) (OECD 402)

Primary irritant effect:

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

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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

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

SECTION 12: Ecological information

12.1 Toxicity There are no ecotoxicological data available on this mixture.

Aquatic toxicity:

CAS: 68515-73-1 Alkyl polyglycoside C8-10

LC 50 >100 mg/l (Brachydanio rerio) (DIN EN ISO 7346-2)

EC0 >100 mg/l (Pseudomonas putida) (OECD 209 / DIN 34812, part 8)

EC50 >10-100 mg/l (Scenedesmus subspicatus) (88/302/EWG, part C)

>100 mg/l (Daphnia magna) (OECD 202 / part 1)

NOEC >1-10 mg/l (Brachydanio rerio) (OECD 204)

>1-10 mg/l (Daphnia magna) (OECD 202)

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 No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

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

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SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA

Void

14.2 UN proper shipping name
ADR, IMDG, IATA

Void

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.

14.7 Transport in bulk according to Annex II of
Marpol and the IBC Code

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

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

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

DGR: Przepisy dotyczące towarów niebezpiecznych - Dangerous Goods Regulations by IATA

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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

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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
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Version history and indication of changes: Replaces version 1.01.

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

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