

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

Printing date 06.04.2017

Version: 4

Revision: 06.04.2017

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** *STIHL All-Purpose Cleaner CB 90***Article number:**0797 010 2046  
[03.07.2014]**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  
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](http://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:** Tensides in aqueous solution with phosphates

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**Dangerous components:**

CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37-xxxx	sodium-p-cumene sulphonate ⚠ Eye Irrit. 2, H319	3 - <5%
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	1 - <3%

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

phosphates	≥5 - <15%
anionic surfactants	<5%

**Additional information:**

15763-76-5 (REACH registered CAS)  
 previous & alternative CAS: 28348-53-0 / EC number: 248-983-7  
 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.  
 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).  
 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.

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### 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:**

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

#### DNELs

**CAS: 15763-76-5 sodium-p-cumene sulphonate**

Oral	DNEL	3.8 mg/kg bw/day (consumer) (longterm systematic effects)
Dermal	DNEL	3.8 mg/kg bw/day (consumer) (longterm systematic effects)
		7.6 mg/kg bw/day (worker) (longterm systematic effects)
Inhalative	DNEL	13.2 mg/m <sup>3</sup> (consumer) (longterm systematic effects)
		53.6 mg/m <sup>3</sup> (worker) (longterm systematic effects)

**CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts**

Oral	DNEL	15 mg/kg (VL)
Dermal	DNEL	1650 mg/kg (VL)
		2750 mg/kg (worker long-term)
Inhalative	DNEL	52 mg/m <sup>3</sup> (VL)
	DNEL	175 mg/m <sup>3</sup> (worker long-term)

#### PNECs

**CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts**

PNEC	10000 mg/l (sewage plant)
	0.071 mg/l (sporadic release)
	0.24 mg/l (water (fresh water))
	0.024 mg/l (water (sea water))
PNEC	7.5 mg/kg (gro)
	0.9168 mg/kg (sediment (fresh water))
	0.09168 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

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

<b>Form:</b>	Fluid
<b>Colour:</b>	Green
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

<b>pH-value at 20 °C:</b>	10.5 - < 11.5 (10g/l) 7,0 - 8,0
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##### Change in condition

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

<b>Flash point:</b>	Not applicable.
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<b>Flammability (solid, gas):</b>	Not applicable.
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##### Ignition temperature:

<b>Decomposition temperature:</b>	Not determined.
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<b>Auto-ignition temperature:</b>	Product is not selfigniting.
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<b>Explosive properties:</b>	Product does not present an explosion hazard.
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##### Explosion limits:

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

<b>Vapour pressure:</b>	Not determined.
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<b>Density at 20 °C:</b>	1.06 - 1.07 g/cm <sup>3</sup>
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<b>Relative density</b>	Not determined.
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<b>Vapour density</b>	Not determined.
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<b>Evaporation rate</b>	Not determined.
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##### Solubility in / Miscibility with water:

Fully miscible.

<b>Partition coefficient: n-octanol/water:</b>	Not determined.
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##### Viscosity:

<b>Flow time at 20 °C</b>	10 - 15 s (DIN EN ISO 2431/4mm)
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<b>Dynamic:</b>	Not determined.
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<b>Kinematic:</b>	Not determined.
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<b>9.2 Other information</b>	No further relevant information available.
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### 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.

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### 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: 15763-76-5 sodium-p-cumene sulphonate

Oral	LD50	>7000 mg/kg (rat)
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Dermal	LD50	2000 mg/kg (rat)
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##### CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts

Oral	LD50	>5000 mg/kg (rat) (OECD 401)
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Dermal	LD50	>5000 mg/kg (rat) (OECD 402)
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##### 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:

**68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO):**

Specific concentration limits [SCL] (ECHA)

≥ 5.0% < 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).

##### 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.

##### CAS: 15763-76-5 sodium-p-cumene sulphonate

Oral	NOAEL	>936 mg/kg (rat)
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	NOAEL 90-92d	>440 mg/kg/d (OECD 411 Subchronic Dermal Toxicity: 90-day Study)
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**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:

##### CAS: 15763-76-5 sodium-p-cumene sulphonate

LC50 / 96h	>1000 mg/l (fish) (EPA OPPTS EPA OTS 797)
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EC50/3h	>1000 mg/l (bacteria) (OECD 209)
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EC50 / 48h	>1000 mg/l (Daphnia magna) (EPA OPPTS EPA OTS 797)
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	>100 mg/l (daphnia) (OECD 202)
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EC50 / 96 h	>230 mg/l (algae) (EPA OPPTS EPA OTS 797)
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NOEC 96h	31 mg/l (algae) (EPA OPPTS)
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##### CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts

LC 50	>10 - ≤100 mg/l (Leuciscus idus) (DIN EN ISO 7346-2)
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EC0	>100 mg/l (bacteria) (OECD 209)
EC50	>100 mg/l ( <i>Scenedesmus subspicatus</i> ) (OECD 201)
	>10-100 mg/l ( <i>Daphnia magna</i> ) (OECD 202)
NOEC	>1-10 mg/l ( <i>Leuciscus idus</i> )

**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.

**CAS: 15763-76-5 sodium-p-cumene sulphonate**

Biodegradation 60-100 % (OECD 301 B Ready Biodegradability - CO2 Evolution)

**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**

**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
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15 01 02	plastic packaging
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**SECTION 14: Transport information**

<b>14.1 UN-Number</b> ADR, IMDG, IATA	Void
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<b>14.2 UN proper shipping name</b> ADR, IMDG, IATA	Void
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<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Void
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<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
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<b>14.5 Environmental hazards:</b> <b>Marine pollutant:</b>	No
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<b>14.6 Special precautions for user</b>	Not applicable.
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<b>UN "Model Regulation":</b>	Void
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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****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***H315 Causes skin irritation.**H318 Causes serious eye damage.**H319 Causes serious eye irritation.**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 = 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**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.**