

# Safety data sheet

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Regulation (EC) No. 1907/2006 and (EC) 830/2015

## EN: White & colorwash Pure Logic

Date: 2019-09-05

Version 3

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

1.1 Product identifier	EN: White & colorwash Pure Logic
Item number	
1.2 Relevant identified uses of the substance or mixture and uses advised against	Laundry detergent
1.3 Details of the supplier of the safety data sheet	Washologi AB
Address	Box 8074 163 08 SPÅNGA
Homepage / E-mail	<a href="http://www.washologi.se/info@washologi.se">www.washologi.se/info@washologi.se</a>
Telephone	+46 708 341116
1.4 Emergency telephone number	Swedish poison information (in less acute cases during office hours) +46(0)10-4566700

### SECTION 2: Hazards identification

#### 2.1 Classification

Classification CLP (1272/2008/EC)

Serious eye irritation - Category 2; H319

#### 2.2 Label elements

Pictogram



Signal Word: Warning

#### Containing substances

Alcohols, C12-14, ethoxylated (> 5 - <15 EO)

#### Hazard statement Code(s)

H319 Causes serious eye irritation.

#### Precautionary statements

P102 Keep out of reach of children.

P280 Wear eye 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.

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

#### 2.3 Other hazards

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

#### Labelling according to Regulation (EC) No 648/2004

Non-Ionic Surfactants, 15 - <30%, Anionic Surfactants <5%, Amphoteric Surfactants, <5%,

Soap <5%, Perfumes <5%, Enzymer (Subtilisin, Amylase, Cellulase) <5%

Preservation Agents (Phenoxyethanol) <5%

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## SECTION 3: Composition/information on ingredients

## 3.2 Chemical composition: mixture

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class & Category Code*	Hazard statement Code(s)*
Alcohols, C12-14, ethoxylated (> 5 - <15EO)**	68439-50-9 932-106-6	5-<10	Acute Tox. 4 Eye Dam. 1 Aquatic Chronic 3	H302 H318 H412
Sodium lauryl ether sulfate **	68891-38-3 500-234-8 01-2119488639-16-0007	1-5	Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 3	H315 H318 H412
Subtilisin	9014-01-1 232-752-2 01- 2119480434-38-XXXX	<0,1	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Resp. Sens. 1 STOT SE 3 Aquatic Acute 1 Aquatic Chronic 2	H302 H315 H318 H334 H335 H400 H411

\* The full text of Hazard statement Codes are listed under section 16.

\*\*Specific concentration limits

The classification is based on data from the chemical supplier and [www.echa.europa.eu](http://www.echa.europa.eu) (databases)

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

## SECTION 4: First aid measures

## 4.1 Description of first aid measures

## General information

In all cases of doubt, or when symptoms persist, seek medical advice.

## Inhalation

Fresh air.

## Skin contact

Wash with soap and water for several minutes and rinse the skin thoroughly.

## Eye contact

Rinse immediately with lukewarm water for at least 10 minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. Contact a doctor if the complaints persist.

## Ingestion

Rinse mouth with water and drink several glasses of water. Contact a doctor if the complaints persist.

## 4.2 Most important symptoms and effects, both acute and delayed

**Inhalation:** May be slightly irritating to the respiratory system.

**Skin contact:** May cause slight skin irritation. (Redness, pain)

**Eye contact:** Irritating to eyes. (Pain, redness)

**Ingestion:** Ingestion may cause discomfort.

## 4.3 Indication of any immediate medical attention and special treatment needed

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Water spray, fog or mist, foam, powder, carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture

Do not breath fumes as during fire, hazardous fumes may be formed.

#### 5.3 Special protective equipment

Use an appropriate breathing apparatus and protective suites.

#### 5.4 Additional information

Cool endangered containers with water in case of fire. Move containers from fire area if it can be done without risk.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

#### 6.2 Environmental precautions

Do not flush large quantities of the product into surface water or sanitary sewer system.

#### 6.3 Methods and material for containment and cleaning up

Re-use product if possible. Small quantities may be wiped up with a cloth. Contain larger spill with inert material. Absorb in vermiculite, dry sand or earth. Place in container for disposal according to local regulations. Flush afterwards with water.

#### 6.4 Reference to other sections

See section 7 for proper handling and storage.

For personal protection see section 8.

For disposal of spillage, see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Normal precautions taken when handling chemicals should be observed.

Handle and dosage according to instructions

Avoid contact with eyes.

Provide eyewash station.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container.

#### 7.3 Specific end use(s)

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Appropriate engineering controls

Provide adequate ventilation

Eyewash station should be provided.

##### Swedish limit values (AFS 2015:7)

Substance	CAS-no	Level limit value	Short term limit value	Note
Enzymer, subtilisin	9014-01-1	1 glycinesunit/m <sup>3</sup>	3 glycineunits/m <sup>3</sup>	S

S = Substance is sensitizing.

##### British limit values (EH40/2005)

Substance	CAS Number	Long-term exposure limit	Short-term exposure limit	Comments
Subtilisins	9014-01-01	0.00004 mg/m <sup>3</sup>	-	Sen

Sen = Capable of causing occupational asthma.

##### DNEL

Subtilisin (9014-01-1)	Longterm exposure – Worker Sytematic effects – Oral: 0.06 mg/m <sup>3</sup> Longterm exposure – Consumer Sytematic effects – Oral 0.015 mg/m <sup>3</sup>
Sodium lauryl ether sulfate (68891-38-3)	Longterm exposure – Consumer Sytematic effects – Oral: 15 mg/kg Longterm exposure – Consumer Sytematic effects – Dermal 1650 mg/kg Longterm exposure – Worker Sytematic effects – Dermal 2750 mg/kg

##### PNEC

Subtilisin (9014-01-1)	0,06 mg/l	Freshwater
Subtilisin (9014-01-1)	0,006 mg/l	Seawater
Subtilisin (9014-01-1)	65000 mg/l	STP
Sodium lauryl ether sulfate (68891-38-3)	0,24 mg/l	Freshwater
Sodium lauryl ether sulfate (68891-38-3)	0,024 mg/l	Seawater
Sodium lauryl ether sulfate (68891-38-3)	5,45	Sediment

#### 8.2 Exposure controls

##### General protective and hygiene measures

The usual precautionary measures for the handing of chemicals have to be observed.

Wash hands before breaks and after work.

##### Individual protection measures, such as personal protective equipment

Always consult a competent person/supplier when selecting personal protective equipment

##### Respiratory protection

Normally not needed.

##### Hand protection

Normally not needed. In case of prolonged contact with concentrated product, protective gloves should be used.

##### Eye protection

Wear tightly fitting protective goggles if there is a risk of direct contact.

##### Body protection

Normally not needed.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Form:	Liquid
Colour:	Light yellow
Odour:	Pleasant scent
Odour threshold:	Not determined
pH (konc):	8,4-8,9
Melting point/freezing point (°C):	Not determined
Initial boiling point and boiling range:	Not determined
Flash point(°C):	Not determined
Evaporation rate(°C):	Not determined
Flammability (solid, gas):	Not determined
Upper flammability or explosive limits:	Not determined
Lower flammability or explosive limits:	Not determined
Vapour pressure(20°C):	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility in water:	Soluble in water.
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined

**9.2 Other information**

No specific.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

Stable under recommended storage and handing conditions

**10.2 Chemical stability**

Stable under recommended handing conditions

**10.3 Possibility of hazardous reactions**

None known.

**10.4 Conditions to avoid**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

None known.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

See section 4 as well. (Most important symptoms and effects, both acute and delayed)

##### Inhalation

May be slightly irritating to the respiratory system.

##### Skin contact

May cause slight skin irritation.

##### Eye contact

Irritant.

##### Ingestion

Ingestion can cause discomfort.

##### Toxicology data

Information/data about this preparation is not available.

#### Toxicology data for the containing components:

Alcohols, C12-14, ethoxylated (> 5 - <15EO) (68439-50-9)	LD <sub>50</sub> Oral rat: >300-2000 mg/kg LD <sub>50</sub> Dermal rabbit: >2000 mg/kg
Sodium lauryl ether sulfate (68891-38-3)	LD <sub>50</sub> Oral rat: ~4000 mg/kg

#### STOT-single exposure -repeated exposure.

No known

#### Routes of exposure

Inhalation, eyes and skin, ingestion.

#### Allergenic potential

This product is not classified as allergenic by inhalation or skin contact.

#### Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen and toxic for reproduction.

#### Aspiration hazard

None.

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### SECTION 12: Ecological information

This product is not classified as dangerous for the environment.  
Do not flush into surface water or sanitary sewer system.

#### 12.1 Toxicity

Information about this preparation is not available.

#### Toxicology data for the containing components

Alcohols, C12-14, ethoxylated (> 5 - <15EO) (68439-50-9)	LC <sub>50</sub> Fish 96h: >1-10 mg/l EC <sub>50</sub> Daphnia 48h: >1-10 mg/l EC <sub>50</sub> Algae 72h: >1-10 mg/l EC <sub>10</sub> Algae 72h: >0,1-1 mg/l EC <sub>50</sub> Bacteria active sludge: 140 mg/l NOEC: 10 mg/kg
Sodium lauryl ether sulfate (68891-38-3)	LC <sub>50</sub> Fish 96h: 1-10 mg/l IC <sub>50</sub> Algae 72h: 10-100 mg/l EC <sub>50</sub> Daphnia 48h: 1-10 mg/l

#### 12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Alcohols, C12-14, ethoxylated (> 5 - <15EO) (68439-50-9) – Biodegradabel

Sodium lauryl ether sulfate (68891-38-3) – readily biodegradable

#### 12.3 Bioaccumulative potential

The product is not expected to bioaccumulate.

#### 12.4 Mobility in soil

Soluble in water.

#### 12.5 Results of PBT and vPvB assessment

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

#### 12.6 Other adverse effects

No known.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

This product or residues of this product are classified as hazardous waste.

Dispose of in accordance with local authority requirements.

#### Suggested EWC-code

20 01 29\* detergents containing dangerous substances

#### Disposal of Packaging

Well cleaned packaging could be left for recycling

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**SECTION 14: Transport information**

The product is not classified as dangerous goods according to ADR/RID, IMDG, DGR.

**14.1 UN number**

-

**14.2 UN proper shipping name**

-

**14.3 Transport hazard class(es)**

-

**14.4 Packing group**

-

**14.5 Environmental hazards**

Marine Pollutant: No

**14.6 Special precautions for user**

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**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Classification according to CLP (1272/2008/EC)

Reach (1907/2006/EC)

**15.2 Chemical safety assessment**

None.

**SECTION 16: Other information****The full text of Hazard statement Codes listed under section 3:**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

This information is provided for health and safety assessments by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation.

**Sources**Safety data sheet provided by the manufacturer. CLP-regulation, [www.kemi.se](http://www.kemi.se), [www.echa.europa.eu](http://www.echa.europa.eu) (Databases)**Version 3:** 2019-09-05. Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 830/2015

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Version 2: 2018-04-18



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<b>SECTION 16: Other information (...)</b>
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**Abbreviations explanations**

ADR: International Carriage of Dangerous Goods by Road

BCF: Bio Concentration Factor

CAS-nr: Chemical Abstracts Service number

DNEL: Derived No Effect Level

EC<sub>50</sub>: Effect Concentration

EG-nr: A substance number i EINECS, ELINCS or in No-Longer Polymers List.

IMDG: International Maritime Dangerous Goods Code.

LC<sub>50</sub>: Lethal ConcentrationLD<sub>50</sub>: Lethal DoseIC<sub>50</sub>: Median Inhibition Concentration

NOEC: No Observed Effect Concentration

PBT-substance: Persistent, Bio accumulative and Toxic substances.

PNEC: Predicted No Effect Concentration

vPvB-substance: Very persistent and Very Bio accumulative substances.