

White & colorwash

Date: 2024-03-12

Version 5

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

1.1 Product identifier	White & colorwash
UFI	3200-U0CW-500F-QD3T
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	Grevgatan 48 114 58 Stockholm
Homepage / E-mail	www.washologi.se/info@washologi.se
Telephone	+46 709922884
1.4 Emergency telephone number	NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales).

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

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%

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SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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

>10% H318

>1-10% H319

**Specific concentration limits

>10% H318

>5-10% H319

The classification is based on data from the chemical supplier and 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.

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SECTION 4: First aid measures

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

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. Advice for firefighters

Use an appropriate breathing apparatus and protective suites.

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.

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 ³	-	Sen

Sen = Capable of causing occupational asthma.

DNEL

Subtilisin (9014-01-1)	Longterm exposure – Worker Sytematic effects – Oral: 0.06 mg/m ³ Longterm exposure – Consumer Sytematic effects – Oral 0.015 mg/m ³
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 handling 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**

Physical state:	Liquid
Colour:	Light yellow
Odour	Pleasant scent
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	8,4-8,9
Kinematic viscosity	Not determined
Solubility	Soluble in water.
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	Not determined
Relative vapour density	Not determined
Particle characteristics	Not determined

9.2 Other information

No specific.

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

Stable under recommended storage and handling conditions

10.2 Chemical stability

Stable under recommended handling 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 hazard classes as defined in Regulation (EC) No 1272/2008

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

Inhalation

Not classified as irritating / corrosive by inhalation according to CLP.

Skin contact

Not classified as irritating / corrosive by skin contact according to CLP.

Eye contact

Irritant.

Ingestion

Not classified as irritating / corrosive by ingestion according to CLP.

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 ₅₀ Oral rat: >300-2000 mg/kg LD ₅₀ Dermal rabbit: >2000 mg/kg
Sodium lauryl ether sulfate (68891-38-3)	LD ₅₀ 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.

11.2. Information on other hazards

No known.

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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 ₅₀ Fish 96h: >1-10 mg/l EC ₅₀ Daphnia 48h: >1-10 mg/l EC ₅₀ Algae 72h: >1-10 mg/l EC ₁₀ Algae 72h: >0,1-1 mg/l EC ₅₀ Bacteria active sludge: 140 mg/l NOEC: 10 mg/kg
Sodium lauryl ether sulfate (68891-38-3)	LC ₅₀ Fish 96h: 1-10 mg/l IC ₅₀ Algae 72h: 10-100 mg/l EC ₅₀ 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. Endocrine disrupting properties

No known.

12.7 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 or ID 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

-

14.7. Maritime transport in bulk according to IMO instruments

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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.

SourcesSafety data sheet provided by the manufacturer. CLP-regulation, www.echa.europa.eu (Databases)**Version 5:** 2024-03-12 Change is made in section 2.3.

. Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 2020/878

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Version 2: 2018-04-18

Version 3: 2019-09-05

Version 4: 2022-05-25.

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SECTION 16: Other information (...)

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

EC₅₀: Effect Concentration

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

IMDG: International Maritime Dangerous Goods Code.

LC₅₀: Lethal Concentration

LD₅₀: Lethal Dose

IC₅₀: 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.