

# SAFETY DATA SHEET

## Washologi Organisk Tvätt

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 20.02.2017

#### 1.1. Product identifier

Product name Washologi Organisk Tvätt  
Article no. 34036-51

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation Laundry detergent.

#### 1.3. Details of the supplier of the safety data sheet

Company name Kempartner AB  
Postal address Hammarby Fabriksväg 19  
Postcode 12030  
City Stockholm  
Country Sweden  
Tel +46 (0)8-6838800  
Website <http://www.kempartner.se>  
Contact person Leif Löf [info@kemibolaget.se](mailto:info@kemibolaget.se)

#### 1.4. Emergency telephone number

Emergency telephone Giftinformation:112

### SECTION 2: Hazards identification

#### 2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] Eye Dam. 1;H318;

#### 2.2. Label elements

##### Hazard Pictograms (CLP)



Signal word	Danger
Hazard statements	H318 Causes Serious eye damage.
Precautionary statements	P102 Keep out of reach of children. P280 Wear protective gloves / protective clothing / eye protection / face 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. P310 Immediately call a POISON CENTER or doctor / physician.
Other EU labelling requirements	Ingredients according to the regulation EC No 648/2004 of the European parliament and of the council of detergents.

Water>30%, Soap 5-15%, Nonionic surfactant <5%, Fragrance <1%.

### 2.3. Other hazards

Health effect	Causes serious eye damage.
Environmental effects	This product does not contain any PBT or vPvB substances. Not regarded as dangerous for the environment.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Water	CAS no.: 7732-18-5 EC no.: 231-791-2		> 30 %
Sodiumcitrate	CAS no.: 6132-04-3 EC no.: 200-675-3 Registration number: 01-2119457027-40	Classification notes:Not Classified	5 - 15 %
D-Glucopyranose, Oligomeric, C10-C16- alkyl glucoside	CAS no.: 1023311-89-23 EC no.: 600-975-8 Registration number: 01-2119489418-23	Xi; R38,R41 Skin Irrit. 2;H315; Eye Dam. 1;H318;	1 - 5 %
Ethanol	CAS no.: 64-17-5 EC no.: 200-578-6 Index no.: 603-002-00-5 Synonyms: Ethanol	F; R11 Flam. Liq. 2;H225;	0 - 5 %
Propan-2-ol	CAS no.: 67-63-0 EC no.: 200-661-7 Index no.: 603-117-00-0 Synonyms: Isopropanol	Flam. Liq. 2;H225; Eye Irrit. 2;H319; STOT SE3;H336;	0 - 5 %
Substance comments	The full text for all hazard statements is displayed in section 16.		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	Anvisningarna gäller koncentrerad produkt.
Inhalation	Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Immediately flush with plenty of water (20-30 oC) for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention.
Ingestion	Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

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

Information for health personnel	Treat Symptomatically.
General symptoms and effects	Causes serious eye damage.
Acute symptoms and effects	Not known.
Delayed symptoms and effects	Not known.

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

Medical treatment	Treat Symptomatically.
Other Information	Not entered.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

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

Fire and explosion hazards This product is not flammable.

## 5.3. Advice for firefighters

Personal protective equipment In case of inadequate ventilation wear respiratory protection.

## SECTION 6: Accidental release measures

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

Personal protection measures Avoid contact with eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

#### 6.1.1. For non-emergency personnel

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Environmental precautionary measures Prevent discharge of larger quantity to drain. Contact local authorities in case of spillage to drain/aquatic environment.

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

Cleaning method Small quantities may be flushed to drains with plenty of water. Large spillages: Absorb with sand or other inert absorbent. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Inform Authorities if large amounts are involved. For waste disposal, see section 13.

### 6.4. Reference to other sections

Additional information See section 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling Avoid contact with skin and eyes.

#### Protective Safety Measures

Advice on general occupational hygiene First-aid equipment, including eye wash bottle, must be available at the work site.

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

Storage Keep in original container. Keep out of reach of children. Store at room temperature. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

### 7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure limit values

Substance	Identification	Value	TWA Year
Ethanol	CAS no.: 64-17-5	8-hour TWA: 1000 ppm	2011
	EC no.: 200-578-6	8-hour TWA: 1920 mg/m <sup>3</sup>	
	Index no.: 603-002-00-5	15 min.: 1000 ppm	
	Synonyms: Ethanol	15 min.: 1900 mg/m <sup>3</sup>	
Propan-2-ol	CAS no.: 67-63-0	8-hour TWA: 400 ppm	1989
	EC no.: 200-661-7	8-hour TWA: 999 mg/m <sup>3</sup>	
	Index no.: 603-117-00-0	15 min.: 500 ppm	
	Synonyms: Isopropanol	15 min.: 1250 mg/m <sup>3</sup>	

#### DNEL / PNEC from substances

Substance	Propan-2-ol
DNEL	<b>Group:</b> Industrial <b>Exposure route:</b> Dermal <b>Exposure frequency:</b> Long term (repeated) <b>Type of effect:</b> Systemic effect <b>Value:</b> 888 mg/kg/dag
DNEL	<b>Group:</b> Consumer <b>Exposure route:</b> Oral <b>Exposure frequency:</b> Long term (repeated) <b>Type of effect:</b> Systemic effect <b>Value:</b> 26mg/kg/dag
DNEL	<b>Group:</b> Consumer <b>Exposure route:</b> Dermal <b>Exposure frequency:</b> Long term (repeated) <b>Type of effect:</b> Systemic effect <b>Value:</b> 319 mg/kg/dag
DNEL	<b>Group:</b> Consumer <b>Exposure route:</b> Inhalation <b>Exposure frequency:</b> Long term (repeated) <b>Type of effect:</b> Systemic effect <b>Value:</b> 89 mg/m <sup>3</sup>
DNEL	<b>Group:</b> Industrial <b>Exposure route:</b> Inhalation <b>Exposure frequency:</b> Long term (repeated) <b>Type of effect:</b> Systemic effect <b>Value:</b> 500 mg/m <sup>3</sup>
PNEC	<b>Exposure route:</b> Freshwater <b>Value:</b> 140,9 mg/l
PNEC	<b>Exposure route:</b> Freshwater sediments <b>Value:</b> 552 mg/kg
PNEC	<b>Exposure route:</b> Saltwater sediments <b>Value:</b> 552 mg/kg
PNEC	<b>Exposure route:</b> Saltwater <b>Value:</b> 140,9 mg/l
PNEC	<b>Exposure route:</b> Soil <b>Value:</b> 28 mg/kg
Other Information about threshold limit values	Hygienska gränsvärdena hämtat ur AFS 2015:7.

## 8.2. Exposure controls

### Respiratory protection

Respiratory protection

Under normal conditions of use respiration protection should not be required.

### Hand protection

Hand protection

Under normal conditions of use gloves are not normally required. For prolonged or repeated skin contact use suitable protective gloves.

### Eye / face protection

Eye protection

Use eye protection.

### Skin protection

Skin protection (except hands)

No special precautions.

## SECTION 9: Physical and chemical properties

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

Physical state	Clear, yellowish liquid.
Colour	Yellowish.
Odour	Perfume.

pH (as supplied)	<b>Value:</b> 9,9-10,2
Comments, Melting point / melting range	Not determined.
Freezing point	<b>Value:</b> 0 °C
Comments, Boiling point / boiling range	Not determined.
Comments, Flash point	Not determined.
Comments, Evaporation rate	Not determined.
Flammability (solid, gas)	Not determined.
Comments, Explosion limit	Not determined.
Comments, Vapour pressure	Not determined.
Comments, Vapour density	Not determined.
Specific gravity	<b>Value:</b> ~ 1055 kg/m <sup>3</sup>
Comments, Bulk density	Not determined.
Solubility in water	Löslig.
Comments, Partition coefficient: n-octanol / water	Not determined.
Comments, Spontaneous combustability	Not determined.
Comments, Decomposition temperature	Not determined.
Comments, Viscosity	Not determined.

## 9.2. Other information

### Other physical and chemical properties

Comments	Information given concerns the concentrated solution.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not entered.
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### 10.4. Conditions to avoid

Conditions to avoid	Not entered.
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### 10.5. Incompatible materials

Materials to avoid	Not entered.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	No hazardous decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological data for substances

Substance	Sodiumcitrate
LD50 oral	<b>Value:</b> 5400 mg/kg <b>Animal test species:</b> rat
LD50 dermal	<b>Value:</b> > 2000 mg/kg <b>Animal test species:</b> rat
Acute toxicity	<b>Inhalation:</b> Dust in high concentrations may irritate the respiratory system. <b>Skin:</b> Powder may irritate skin. <b>Eye:</b> Particles in the eyes may cause irritation and smarting.

	<b>Ingestion:</b> May cause discomfort if swallowed.
Substance	D-Glucopyranose, Oligomeric, C10-C16- alkyl glucoside
LD50 dermal	<b>Value:</b> > 2000 mg/kg
Acute toxicity	<b>Skin:</b> Irritating to skin. Not a skin sensitiser. <b>Eye:</b> Causes serious eye damage.
Substance	Ethanol
LD50 oral	<b>Value:</b> 7060 mg/kg <b>Animal test species:</b> Rat
LD50 dermal	<b>Value:</b> > 20000 mg/kg <b>Animal test species:</b> Rabbit
LC50 inhalation	<b>Value:</b> 124,7 mg/l <b>Animal test species:</b> Rat <b>Duration:</b> 4h
Substance	Propan-2-ol
LD50 oral	<b>Value:</b> 5000 mg/kg <b>Animal test species:</b> rat
LD50 dermal	<b>Value:</b> 5000 mg/kg <b>Animal test species:</b> Rabbit
Acute toxicity	<b>Inhalation:</b> May cause respiratory irritation. Vapours may cause headache, fatigue, dizziness and nausea. <b>Skin:</b> Prolonged or repeated contact leads to drying of skin. <b>Eye:</b> Irritating to eyes. <b>Ingestion:</b> Pneumonia may be the result if vomited material containing solvents reaches the lungs.
General respiratory or skin sensitisation	Not sensitizing.

### Other information regarding health hazards

General Toxicological data are only available for the components, not for the mixture.

### Acute toxicity, Mixture estimate

Oral Toxicological data are only available for the components, not for the mixture.

### Potential acute effects

Inhalation May cause irritation to the respiratory system.

Skin contact May cause irritation.

Eye contact Risk of serious damage to eyes.

Ingestion However, ingestion may cause irritation and malaise.

Aspiration hazard Not known.

### Delayed effects / repeated exposure

Sensitisation No known chronic or acute health risks.

STOT-single exposure Not known.

STOT-repeated exposure Not known.

### Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity Not known.

Mutagenicity Not known.

Teratogenic properties Not known.

Reproductive toxicity Not known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity Ecotoxicological data are only available for the components, not for the mixture.

### Toxicological data for substances

Substance Sodiumcitrate

Acute aquatic, Daphnia **Value:** 5600-10000 mg/l

	<b>Method of testing:</b> EC50 <b>Duration:</b> 48h
Ecotoxicity, other effects	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Mobility, description	<b>Mobility, description:</b> The product is soluble in water.
Persistence and degradability	The product is easily biodegradable.
Chemical oxygen demand (COD)	<b>Value:</b> 480
Biological oxygen demand (BOD)	<b>Value:</b> 364
Bioaccumulation	No data available on bioaccumulation.
Result of PBT assessment for the substance	This product does not contain any PBT or vPvB substances.
Substance	D-Glucopyranose, Oligomeric, C10-C16- alkyl glucoside
Acute aquatic, fish	<b>Value:</b> 2,95-5,9 mg/l <b>Method of testing:</b> OCDE 203 <b>Species:</b> Danio rerio <b>Duration:</b> 96h
Acute aquatic, algae	<b>Value:</b> 5-38 mg/l <b>Method of testing:</b> - <b>Species:</b> Desmodesmus subspicatus <b>Duration:</b> 72h
Acute aquatic, Daphnia	<b>Value:</b> 7-14 mg/l <b>Method of testing:</b> OCDE 202 <b>Species:</b> Daphnia Magna <b>Duration:</b> 96h
Biodegradability	<b>Comments:</b> Readily biodegradable
Bioaccumulation	Low
Substance	Ethanol
Acute aquatic, fish	<b>Value:</b> 13500 mg/l <b>Species:</b> Pimephales promelas <b>Duration:</b> 96h <b>Test reference:</b> LC50
Acute aquatic, algae	<b>Value:</b> > 10,9 mg/l <b>Species:</b> Skeletonema costatum <b>Duration:</b> 72h <b>Test reference:</b> IC50
Acute aquatic, Daphnia	<b>Value:</b> 5400 mg/l <b>Species:</b> D. Magna <b>Duration:</b> 48h <b>Test reference:</b> EC50
Biodegradability	<b>Comments:</b> Readily biodegradable.
Substance	Propan-2-ol
Acute aquatic, fish	<b>Value:</b> > 100 mg/l <b>Species:</b> Leuciscus idus <b>Duration:</b> 48h <b>Test reference:</b> LC50
Acute aquatic, algae	<b>Value:</b> > 100 mg/l <b>Method of testing:</b> Ec50 <b>Species:</b> Scenedesmus subspicatus <b>Duration:</b> 72h
Acute aquatic, Daphnia	<b>Value:</b> > 100 mg/l <b>Species:</b> magna <b>Duration:</b> 48h <b>Test reference:</b> EC50
Persistence and degradability	The product is readily biodegradable.
Bioaccumulation	The product is not bioaccumulating.

Result of PBT assessment for the substance	Not Classified as PBT/vPvB by current EU criteria.
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## 12.2. Persistence and degradability

Persistence and degradability	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.
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## 12.3. Bioaccumulative potential

Bioaccumulative potential	Bioaccumulation: Is not expected to be bioaccumulable.
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## 12.4. Mobility in soil

Mobility	Data lacking.
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## 12.5. Results of PBT and vPvB assessment

PBT assessment results	This product does not contain any PBT or vPvB substances.
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## 12.6. Other adverse effects

Environmental details, summation	Not regarded as dangerous for the environment.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Recover and reclaim or recycle, if practical. Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction.
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Product classified as hazardous waste	Yes
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Packaging classified as hazardous waste	No
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EWC waste code	EWC: 200129 detergents containing dangerous substances
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## SECTION 14: Transport information

### 14.1. UN number

Comments	Not classified as dangerous goods.
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### 14.2. UN proper shipping name

Comments	Not classified as dangerous goods.
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### 14.3. Transport hazard class(es)

Comments	Not relevant.
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### 14.4. Packing group

Comments	Not relevant.
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### 14.5. Environmental hazards

Comments	Not relevant.
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### 14.6. Special precautions for user

Special safety precautions for user	Not relevant.
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### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

### Additional information.

Additional information.	Not relevant.
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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EEC-directive	Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are
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	held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
References (laws/regulations)	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
Legislation and regulations	Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden, AFS 2015:7.

## 15.2. Chemical safety assessment

Chemical safety assessment performed	No
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## SECTION 16: Other information

Supplier's notes	The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Eye Dam. 1; H318;
List of relevant R-phrases (under headings 2 and 3).	R11 Highly flammable. R41 Risk of serious damage to eyes. R38 Irritating to skin.
List of relevant H-phrases (Section 2 and 3).	H318 Causes Serious eye damage. H336 May cause drowsiness or dizziness. H315 Causes skin irritation. H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation.
Information which has been added, deleted or revised	Change to Sections:
Version	1
Responsible for safety data sheet	Kempartner AB
Prepared by	CJ