

Safety Data Sheet

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

Softener HARMONY

Date of issue 2019-03-28

Version 2

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

1.1 Product identifier	Softener HARMONY
Article number	695006
1.2 Relevant identified uses of the substance or mixture and uses advised against	Softener
1.3 Details of the supplier of the safety data sheet	Washologi AB
Address	Box 8074 SE-163 08 SPÅNGA Sweden
Telephone	+46 708 341116
Homepage/E-mail	www.washologi.se/info@washologi.se
1.4 Emergency telephone number	Swedish poison information +46(0)10-4566750

SECTION 2: Hazards identification

2.1 Classification:

Classification CLP (1272/2008/EC)

This product is not classified as flammable, harmful or dangerous for the environment.

2.2 Label elements:

Pictogram

None

Containing substances

-

Hazard statement Code(s)

None

Precautionary statements

None

Labelling according to Regulation (EC) No 648/2004

Cationic Surfactant 5-15%

Perfume < 5%

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

3.2 Chemical composition: Mixture

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Propan-2-ol	67-63-0 200-661-7 01-2119457558-25-xxxx	1-<5	Flam. Liq.2 Eye Irrit.2 STOT SE3	H225 H319 H336

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

Composition Comments

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

The classification is based on information from the chemical supplier and <http://echa.europa.eu/> (Databases)

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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 and rinse skin thoroughly.

Eye contact

Rinse with water for several minutes. Hold eyelids apart. Contact a doctor if the complaints persist.

Ingestion

Rinse mouth and immediately give plenty of milk or water to drink. Seek medical advice if the complaints persist.

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

Inhalation: This product is not considered to be irritating if inhaled.

Skin contact: May have degreasing effect on the skin with prolonged, direct contact with concentrated product.

Eye contact: May be irritating to eyes.(pain, redness)

Ingestion: Ingestion may cause nausea, vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Non-flammable. Select extinguishing media appropriate to surrounding fire. Water spray, fog or mist, foam, powder or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Do not breathe fumes. During fire, gases hazardous to health may be formed.

5.3 Special protective equipment

Appropriate breathing apparatus may be required.

Additional information

Cool endangered containers with water in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No specific. Run risks of slipperiness.

6.2 Environmental precautions

Do not flush larger amounts 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.

Larger spill: Contain spill with inert material. Absorb in vermiculite, dry sand or soil.

Rinse with plenty of water.

6.4 Reference to other sections

For handling and storage, see section 7.

For personal protection, see section 8.

For disposal of spillage, see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Normal precautions taken when handling chemicals should be observed.

Handle and dose according to the instructions on the package. Do not mix with other chemicals.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in original container.

Keep from freezing. Store at room temperature (+15°C to +25°C).

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.

Exposure limits

Swedish limit values or limit values according to the European commission:

Ämne	CAS-nr	NGV	KGV	Anm.
Propan-2-ol	67-63-0	150 ppm 350 mg/m ³	250 ppm 600 mg/m ³	V

V = Indicative short term limit.

8.2 Exposure controls:

General protective and hygiene measures

Wash hands before breaks and after work.

Handle in accordance with good industrial hygiene and safety practice.

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.

Eye protection

Normally not needed.

Clothing requirements

No special protective clothing is required.

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

Form:	Fluid liquid
Colour:	White
Odour:	Perfume
Density:	About 1000 kg/m ³
Odour threshold:	Not available
pH-value (Concentrate):	About 3.0
Melting point/freezing point (°C):	Not available
Initial boiling point and boiling range (°C):	About 100
Flash point (°C):	>100
Evaporation rate (°C):	Not available
Flammability (solid, gas):	The product is not flammable
Upper flammability or explosive limits:	The product is not flammable
Lower flammability or explosive limits:	The product is not flammable
Vapour pressure:	Not available
Vapour density:	Not available
Solubility in water:	Soluble
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Product is not self-ignitable
Decomposition temperature (°C):	Not available
Viscosity:	About 100 cp (spindle 1, 30 rpm)
Explosive properties:	The product is not flammable
Oxidising properties:	The product has no oxidizing properties

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.

10.3 Possibility of hazardous reactions

No known.

10.4 Conditions to avoid

Avoid heating. The product is sensitive to frost, which could cause it to become cloudy when exposed to cold.

10.5 Incompatible materials

No known.

10.6 Hazardous decomposition products

No known.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Inhalation

This product is not considered to be irritating if inhaled.

Skin contact

Not irritating but have a degreasing effect on skin.

Eye contact

May be irritating to eyes.

Ingestion

Ingestion may cause nausea, vomiting.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

Propan-2-ol (67-63-0)	LD ₅₀ Oral rat: 5280 mg/kg LD ₅₀ Dermal rabbit: 12800 mg/kg LC ₅₀ Inhaled rat 4h: 72,6 mg/l LC ₅₀ Inhaled rat(female) 8h: 47,5 mg/l
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STOT-single exposure -repeated exposure

No known.

Routes of exposure:

Eyes and skin, inhalation and ingestion.

Allergenic potential

The 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 or toxic for reproduction.

Danger to aspiration

No.

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

Toxicology data about this preparation is not available.

Toxicology data for the containing components:

Propan-2-ol (67-63-0)	LC ₅₀ Fish 96h: 9640 mg/l Sp: Pimephales promelas EC ₅₀ Daphnia 48h: 13299 mg/l Sp: Daphnia magna EC ₅₀ Algae 72h: >1000 mg/l Sp: Desmodesmus subspicatus EC ₁₀ Bacteria 18h: 5175 mg/l Sp: Pseudomonas putida EC ₅₀ Bacteria: >1000 mg/l Sp: Activated sludge, Growth Inhibition of activated sludge
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SECTION 12: Ecological information (...)

12.2 Persistence and degradability

Propan-2-ol (67-63-0) - Readily biodegradable.

12.3 Bioaccumulative potential

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

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Other information

The product is considered to be readily biodegradable and not expected to bioaccumulate.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

The product

Dispose of in accordance with local authority requirements. Do not empty into drain.

Not hazardous waste.

EWC suggestions for waste:

20 01 30 detergents other than those mentioned in 20 01 29.

Disposal of Packaging

Empty and cleaned packaging can be recycled.

SECTION 14: Transport information

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

14.1 UN number

-

14.2 UN proper shipping name (IMDG, IATA/ICAO):

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14.3 Transport hazard class(es)

-

14.4 Packing group

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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 MARPOL73/78 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).

15.2 Chemical safety assessment

None.

SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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.

Version 2: 2019-03-28. Safety data sheet according to Regulation (EC) No. 1907/2006 and (EC) 830/2015.

Version 1: 2015-02-23

Sources

Safety data sheet provided by the manufacturer. CLP-regulation, www.kemi.se, <http://echa.europa.eu/> (Databases)

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 ConcentrationLD₅₀: Lethal DoseIC₅₀: 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.