

SAFETY DATA SHEET

Woolcare laundry detergent

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 21.10.2016

1.1. Product identifier

Product name Woolcare laundry detergent

Article no. 3201-51

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 Lof 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 Eye Irrit. 2;H319;

Regulation (EC) No 1272/2008 Skin Irrit. 2;H315;

[CLP/GHS] EUH 208;

2.2. Label elements

Hazard Pictograms (CLP)



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

H315 Causes skin irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Använd skyddshandskar / ögonskydd.

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.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

Supplemental label information	EUH 208 Contains 1,2-Benzisothiazol-3(2H)-on. May produce an allergic reaction.
Other EU labelling requirements	Ingredients according to the regulation EC No 648/2004 of the European parliament and of the council of detergents. Non-ionic surfactants 15-30%, Anionic surfactants <5%, Preservative: Benzisothiazolinone <0,05%, Fragrance <1%

2.3. Other hazards

Health effect	Causes skin irritation. Causes serious eye irritation.
Environmental effects	This product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Water	CAS no.: 7732-18-5 EC no.: 231-791-2		50 - 80 %
Alcohol, ethoxylate 1	Registration number: 02-2119831120-58-0000 Synonyms: Alkyl Polyethylene Glycol Ether	Aquatic Chronic 3;H412; Eye Irrit. 2;H319; Acute tox. 4;H302; Skin Irrit. 2;H315;	5 - 15 %
Alcoholer, C12-14, ethoxylated, propoxylated	CAS no.: 68439-51-0 EC no.: 931-986-9		5 - 15 %
Alcohols, C12-14, (even numbered) ethoxylated (1-2,5 EO), sulphates, sodium salts	CAS no.: 68891-38-3 EC no.: 500-234-8 Registration number: 01-2119488639-16-0007	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412	1 - 5 %
1,2-Benzisothiazolin-3-one	CAS no.: 2634-33-5 EC no.: 220-120-9 Index no.: 613-088-00-6	Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400	< 0,05 %
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	Treat symptomatically.
Inhalation	Move the exposed person to fresh air at once.
Skin contact	Wash the skin immediately with soap and water.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Use lukewarm water. Get medical attention.
Ingestion	Rinse mouth with water. Drink a few glasses of water or milk. DO NOT INDUCE VOMITING! Contact physician if larger quantity has been consumed.

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

General symptoms and effects	Data lacking.
Acute symptoms and effects	Causes serious eye irritation.
Delayed symptoms and effects	Data lacking.

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

Medical treatment	Treat symptomatically.
Other Information	No information required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
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.
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5.3. Advice for firefighters

Personal protective equipment	In case of inadequate ventilation wear respiratory protection.
Other Information	No information required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Collect spillage.
Personal protection measures	For personal protection, see section 8. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautionary measures	Prevent discharge of larger quantity to drain.
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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 spillage with suitable absorbent material. Flush contaminated area with plenty of water. For waste disposal, see section 13.
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6.4. Reference to other sections

Other instructions	Not relevant.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid inhalation of aerosols and contact with skin and eyes.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep container tightly closed. Store at room temperature. Keep out of reach of children.
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7.3. Specific end use(s)

Specific use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other Information about threshold limit values	Ingående ingredienser saknar hygieniska gränsvärden.
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8.2. Exposure controls

Respiratory protection

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

Hand protection	Under normal conditions of use gloves are not normally required.
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Eye / face protection

Eye protection	Use eye protection.
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Skin protection

Skin protection (except hands)	Not relevant.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
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Colour	Colourless.
Odour	Perfume.
pH (as supplied)	Value: 7-8,5
Comments, Melting point / melting range	Data lacking.
Comments, Boiling point / boiling range	Data lacking.
Comments, Flash point	Data lacking.
Comments, Evaporation rate	Data lacking.
Comments, Explosion limit	Data lacking.
Comments, Vapour pressure	Data lacking.
Comments, Vapour density	Data lacking.
Specific gravity	Value: ~ 1035 kg/m ³
Comments, Bulk density	Data lacking.
Solubility in water	Soluble.
Comments, Partition coefficient: n-octanol / water	Data lacking.
Comments, Spontaneous combustability	Data lacking.
Comments, Decomposition temperature	Data lacking.
Comments, Viscosity	Data lacking.

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	Not known.
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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 known.
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10.4. Conditions to avoid

Conditions to avoid	Not known.
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10.5. Incompatible materials

Materials to avoid	None specific.
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10.6. Hazardous decomposition products

Other information

Other Information	No information required.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information:

Other toxicological data	Toxicological information on ingredients.
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Toxicological data for substances

Substance	Alcohol, ethoxylate 1
LD50 oral	Value: > 500-<2000 mg/kg Animal test species: rat
Acute toxicity	Skin: Irritating to skin. OECD Guideline 404 Eye: Serious eye damage/irritation: Irritating. OECD Guideline 405

Skin sensitisation, other info	Not sensitizing. (OECD Guideline 406)
Substance	Alkoholer, C12-14, ethoxylated, propoxylated
LD50 oral	Value: > 2000 mg/l Animal test species: rat
Acute toxicity	Skin: Slightly irritating. Not a skin sensitiser. Eye: Slightly Irritating.
Substance	Alcohols, C12-14, (even numbered) ethoxylated (1-2,5 EO), sulphates, sodium salts
LD50 oral	Value: ~ 4000 mg/kg Animal test species: rat
Acute toxicity	Inhalation: Not relevant. Skin: Defats the skin. Irritating. Eye: Irritation of eye and mucous membranes. Risk of serious damage to eyes. Ingestion: Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.
Substance	1,2-Benzisothiazolin-3-one
LD50 oral	Value: 1150 mg/kg Animal test species: mouse
LD50 oral	Value: 597 mg/kg Animal test species: rat
LD50 dermal	Value: > 2000 mg/kg Animal test species: rat
Acute toxicity	Skin: Irritating. Skin sensitisation: May cause sensitisation by skin contact. Eye: Risk of serious damage to eyes.

Acute toxicity, Mixture estimate

Oral Data lacking.

Potential acute effects

Inhalation	Not relevant.
Skin contact	May cause irritation.
Eye contact	Splashes may irritate. Causes serious eye irritation.
Ingestion	However, ingestion may cause irritation and malaise.
Aspiration hazard	No known chronic or acute health risks.

Delayed effects / repeated exposure

Sensitisation	No recommendation given.
STOT-single exposure	Not known.
STOT-repeated exposure	Not known.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	No known chronic or acute health risks.
Mutagenicity	No known chronic or acute health risks.
Teratogenic properties	No known chronic or acute health risks.
Reproductive toxicity	No known chronic or acute health risks.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity There are no data on the ecotoxicity of this product.

Toxicological data for substances

Substance	Alcohol, ethoxylate 1
Acute aquatic, algae	Value: 1-10 mg/l Method of testing: OECD Guideline 201 Species: Desmodesmus subspicatus Duration: 72h Test reference: EC50

Acute aquatic, Daphnia	Value: 1-10 mg/l Method of testing: OECD Guideline 202 del 1 statistik Species: Magna Duration: 48h Test reference: EC50
Water solubility	Comments: Soluble.
Persistence and degradability	The product is easily biodegradable.
Biodegradability	Value: > 60 % Test period: 28d Method of testing: OECD 301B; ISO 9439; 92/69/EEG, c.4-C Comments: Readily biodegradable
Bioaccumulation	Bioaccumulation: Is not expected to be bioaccumulable.
Result of PBT assessment for the substance	Not Classified as PBT/vPvB by current EU criteria.
Substance	Alkoholer, C12-14, ethoxylated, propoxylated
Acute aquatic, fish	Value: > 1-10 mg/l Method of testing: LC50 OECD TG 203 Species: Poecilia reticulata Duration: 96h
Acute aquatic, algae	Value: > 1-10 mg/l Method of testing: EC50 OEcd TG 201 Species: Desmodesmus subspicatus Duration: 72h
Acute aquatic, Daphnia	Value: > 1-10 mg/l Method of testing: EC50 OECD TG Species: Magna Duration: 48h
Mobility, description	Mobility, description: No data recorded.
Persistence and degradability	The product is easily biodegradable.
Biodegradability	Value: > 60 % Test period: 28d Method of testing: aerob OECD 301B
Bioaccumulation	No data recorded.
Result of PBT assessment for the substance	Data lacking.
Substance	Alcohols, C12-14, (even numbered) ethoxylated (1-2,5 EO), sulphates, sodium salts
Acute aquatic, fish	Value: 7,1 mg/l Method of testing: LC50; OECD 203 Duration: 96h
Acute aquatic, algae	Value: 27,7 mg/l Method of testing: IC50; OECD 201 Duration: 72h
Acute aquatic, Daphnia	Value: 7,4 mg/l Method of testing: EC50; OECD 202 Duration: 48h
Other ecotoxicological substance information regarding fish	Longterm toxicity test: NOEC 1,0 mg/L. OECD 203 (45d)
Other ecotoxicological substance information, regarding algae	Longterm tox study:NOEC 0,95 mg/l. (OECD 201, 3d)
Other ecotoxicological substance information regarding crustaceans	Longterm toxicity test: NOEC 0,27 mg/l. Daphnia magna/ 21days. OECD 211
Aquatic, comments	Wasser Gefahr Klasse (Germany): WGK 2
Mobility, description	Mobility, description: Low in soil.
Persistence and degradability	Readily biodegradable in water, insediment and soil. The Product is readily biodegradable according to OECD.

Description of persistence and degradability of the component	Readily biodegradable in water, in sediment and soil.
Biodegradability	Value: 100 % Test period: 28 days Method of testing: EU Method C2-C
Bioaccumulation	Primär biodegradering: 98-100% MBAS (OECD Screening test). Totalbiodegradering: 2,72 mg/O ₂ /mg kol (OECD 301D) Totalbiodegradering: 0,43 mg BOD/mg material (OECD 301D). Totalbiodegradering: 100% TOD (C till CO ₂) (OECD301D). Totalbiodegradering: 80% DOC (OECD 301D).
Bioconcentration factor (BCF)	Value: < 3 Comments: No potential for bioaccumulation.
Result of PBT assessment for the substance	This substance is not classified as PBT or vPvB.
vPvB evaluation results	This Product does not contain any PBT or vPvB sunstances.
Additional ecological information	No other adverse effects are expected.
Substance	1,2-Benzisothiazolin-3-one
Acute aquatic, fish	Value: 0,74 mg/l Method of testing: LC50 Duration: 96h
Acute aquatic, Daphnia	Value: 2,44 mg/l Method of testing: EC50 Species: magna Duration: 48h
Bioaccumulation	Bioaccumulation: Is not expected to be bioaccumulable.

12.2. Persistence and degradability

Persistence and degradability	This Product complies 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	The product is not bioaccumulating.
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12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.
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12.5. Results of PBT and vPvB assessment

PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
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12.6. Other adverse effects

Environmental details, summation	The product is not 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.
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	No
EWC waste code	EWC: 200129 detergents containing dangerous substances

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 relevant.

14.3. Transport hazard class(es)

Comments Not relevant.

14.4. Packing group

Comments Not relevant.

14.5. Environmental hazards

Comments Not relevant.

14.6. Special precautions for user

Special safety precautions for user Not relevant.

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

Additional information.

Additional information. Not relevant.

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 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. Avfallsförordningen (2015:727).

15.2. Chemical safety assessment

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] Skin Irrit. 2; H315; Eye Irrit. 2; H319; ; EUH 208;

List of relevant R-phrases (under headings 2 and 3). R43 May cause sensitization by skin contact. R50 Very toxic to aquatic organisms. R41 Risk of serious damage to eyes. R38 Irritating to skin. R22 Harmful if swallowed.

List of relevant H-phrases (Section 2 and 3). H318 Causes Serious eye damage. H302 Harmful if swallowed. H412 Harmful to aquatic life with long lasting effects. H400 Very toxic to aquatic life.

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
EUH 208 Contains May produce an allergic reaction.

Version	1
Responsible for safety data sheet	Kempartner AB
Prepared by	CJ