

C001-K30 hebro®Care S

Version: 1.7

Revision Date 22.08.2014

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

1.1 Product identifier

Trade name : C001-K30 hebro®Care S

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

Use of the Sub-
stance/Mixture : Carwash- and maintenance shampoo

1.3 Details of the supplier of the safety data sheet

Company : hebro chemie GmbH
Rostocker Str. 40
41199 Mönchengladbach
Contact person : Wolfgang Schaffers
Telephone : +49 (0) 2166 6009-0
Telefax : +49 (0) 2166 6009-99
Contact person product safety : Abteilung Produktsicherheit
E-mail address : info-produktsicherheit@gmx.de

1.4 Emergency telephone number

: Giftinformationszentrum Erfurt:
+49 (0) 361 730 730

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2 H315: Causes skin irritation.
Serious eye damage, Category 1 H318: Causes serious eye damage.

Classification (67/548/EEC, 1999/45/EC)

Irritant R41: Risk of serious damage to eyes.
R38: Irritating to skin.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :



Signal word :

Danger

Hazard statements :

H315
H318

Causes skin irritation.
Causes serious eye damage.

Precautionary statements :

Prevention:

P264
P280

Wash skin thoroughly after handling.
Wear protective gloves/ eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P310

Immediately call a POISON CENTER or doctor/ physician.
Take off contaminated clothing and wash it before reuse.

Hazardous components which must be listed on the label:

- 68081-81-2 Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts

Labelling according to EC Directives (1999/45/EC)

Hazard pictograms :



Irritant

R-phrases(s) :

R38
R41

Irritating to skin.
Risk of serious damage to eyes.

S-phrases(s) :

S26
S39

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear eye/face protection.

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S51

Use only in well-ventilated areas.

2.3 Other hazards

The information required is contained in this Material Safety Data Sheet.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature : Neutral cleaner as aqueous solution of anionic and nonionic tensides
Anionic and nonionic tensides

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	68081-81-2 268-356-1	Xn; R22 Xi; R38-R41	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318	>= 5 - < 10
Aliphatic alcohols, ethoxylated	68439-50-9	Xi; R41 N; R50	Eye Dam. 1; H318 Aquatic Acute 1; H400	>= 2.5 - < 5
Sodium lauryl ether sulphate	68585-34-2	Xi; R41-R38	Eye Dam. 1; H318 Skin Irrit. 2; H315	>= 1 - < 2.5
2-Butoxyethanol	111-76-2 203-905-0	Xn; R20/21/22	Acute Tox. 4; H332	>= 1 - < 2.5

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	01-2119475108-36	Xi; R36/38	Acute Tox. 4; H312 Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	
Alkyl alcohol ethoxylate	69011-36-5	Xi; Xi; R41	Eye Dam. 1; H318	>= 1 - < 2.5
Ethanol, 2,2'-iminobis-, N-coco alkyl derivs.	61791-31-9 263-163-9	Xi; R36/38	Eye Irrit. 2; H319 Skin Irrit. 2; H315	>= 1 - < 2.5

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.
For the full text of the Notas mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : No special precautions required.
- In case of skin contact : After contact with skin, wash immediately with plenty of water.
- In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical advice.
If eye irritation persists, consult a specialist.
- If swallowed : Call a physician immediately.
Keep patient warm and at rest.
Immediately give large quantities of water to drink.
Prevent vomiting if possible.

4.2 Most important symptoms and effects, both acute and delayed

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Symptoms : No information available.

Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : The product itself does not burn.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : No information available.

5.3 Advice for firefighters

Special protective equipment for firefighters : No special precautions required.
Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Handle in accordance with good industrial hygiene and safety practice.

6.2 Environmental precautions

Environmental precautions : Inform the relevant authorities if it enters sewers, aquatic environment or soil.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.
Contaminated surfaces will be extremely slippery.

6.4 Reference to other sections

See chapter 8 and 13

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No special storage conditions required.
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Further information on storage conditions : Protect from frost.
 Keep at temperatures between 5°C and 40°C.

Advice on common storage : No materials to be especially mentioned.

7.3 Specific end use(s)

Specific use(s) : Carwash- and maintenance shampoo

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
2-Butoxy-ethanol	111-76-2	TWA	20 ppm 98 mg/m ³	2009-12-19	2000/39/EC
Further information	:	skin: Identifies the possibility of significant uptake through the skin Indicative			
	111-76-2	STEL	50 ppm 246 mg/m ³	2009-12-19	2000/39/EC
Further information	:	skin: Identifies the possibility of significant uptake through the skin Indicative			
	111-76-2	TWA	25 ppm	2005-04-06	GB EH40
Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

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	111-76-2	STEL	50 ppm	2005-04-06	GB EH40
Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

DNEL/DMEL

2-Butoxyethanol

: End Use: DNEL, Workers
Exposure routes: Skin contact
Potential health effects: Acute systemic effects
Value: 89 mg/m³

End Use: DNEL, Workers
Exposure routes: Inhalation
Potential health effects: Acute systemic effects
Value: 663 mg/m³

End Use: DNEL, Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 98 mg/m³

8.2 Exposure controls

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection : Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Eye protection : not required

Skin and body protection : not required

Protective measures : Follow the skin protection plan.

Environmental exposure controls

General advice : Inform the relevant authorities if it enters sewers, aquatic environment or soil.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: yellow
Odour	: mild
pH	: 8.1 at 20 °C (undiluted)
Boiling point/boiling range	: 100 °C Method: DIN 51751
Vapour pressure	: 23 hPa at 20 °C Information taken from reference works and the literature.
Density	: 1.01 g/cm ³ at 20 °C Method: DIN 51757
Water solubility	: 1,000 g/l completely soluble
Viscosity, kinematic	: 39 mm ² /S at 20 °C

9.2 Other information

Explosivity : No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

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The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : No decomposition if used as directed.

10.5 Incompatible materials

Materials to avoid : None known.

10.6 Hazardous decomposition products

Risk of decomposition. : No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

Acute oral toxicity
Benzenesulfonic acid, mono- : LD50: 438 mg/kg
C10-16-alkyl derivs., sodium : Species: Rat
salts
Aliphatic alcohols, ethoxylat- : LD50: > 2,000 mg/kg
ed : Species: Rat
Test substance: Read-across (Analogy)

2-Butoxyethanol : LD50: 1,746 mg/kg
Species: Rat

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
vapour
Exposure time: 4 h
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

Acute dermal toxicity

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2-Butoxyethanol : Acute toxicity estimate: 1,100 mg/kg
Method: Converted acute toxicity point estimate

Skin corrosion/irritation

Skin irritation : Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.
May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

Eye irritation : The liquid splashed in the eyes may cause irritation and reversible damage.

Respiratory or skin sensitisation

Sensitisation : This information is not available.

Carcinogenicity

Remarks : Not classifiable as a human carcinogen.

Further information : Health injuries are not known or expected under normal use.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish : No data available

Toxicity to fish
Aliphatic alcohols, ethoxylated : LC50: < 1 mg/l
Exposure time: 96 h
Species: Fish

2-Butoxyethanol : LC50: 1,490 mg/l
Exposure time: 96 h
Species: Lepomis macrochirus (Bluegill sunfish)

Toxicity to daphnia and other aquatic invertebrates
Aliphatic alcohols, ethoxylated : EC50: < 1 mg/l
Exposure time: 48 h

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	Species: Daphnia (water flea)
2-Butoxyethanol	: EC50: 1,720 mg/l Exposure time: 24 h Species: Daphnia (water flea)
Toxicity to algae Aliphatic alcohols, ethoxylated	: IC50: < 1 mg/l Exposure time: 72 h Species: Algae
2-Butoxyethanol	: Cell multiplication inhibition test EC0: 900 mg/l Exposure time: 168 h Species: Scenedesmus quadricauda (Green algae)
Toxicity to bacteria 2-Butoxyethanol	: EC0: 700 mg/l Exposure time: 16 h Species: Pseudomonas putida

12.2 Persistence and degradability

Biodegradability : No data available

Biodegradability
Aliphatic alcohols, ethoxylated : > 60 %
Method: OECD Test Guideline 301F
Readily biodegradable
This surfactant complies 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.

12.3 Bioaccumulative potential

Bioaccumulation : No data available

12.4 Mobility in soil

Mobility : No data available

12.5 Results of PBT and vPvB assessment

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No data available

12.6 Other adverse effects

Additional ecological information : Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Do not let product enter drains.
Do not dispose of with domestic refuse.
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Packaging : Do not dispose of with domestic refuse.

Contaminated packaging : Dispose of in accordance with local regulations.

Waste Code : 070601 aqueous washing liquids and mother liquors

SECTION 14: Transport information

ADR
Not dangerous goods

IATA
Not dangerous goods

IMDG
Not dangerous goods

RID
Not dangerous goods

SECTION 15: Regulatory information

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

Other regulations : The product is classified and labelled in accordance with EC directives or respective national laws.
Regional or national implementations of GHS may not implement all hazard classes and categories.

15.2 Chemical Safety Assessment

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A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.

Full text of Notas referred to under section 3

Further information

The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.