

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Alkalisk avfettning, koncentrerad**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Trade name**

Alkalisk avfettning, koncentrerad

Article No.

37-916, 37-917

UFI code

UFI: 2MC9-M038-N00D-6CN4

1.2. Relevant identified uses of the substance or mixture and uses advised against**Product type**

Cleaning agent

1.3. Details of the supplier of the safety data sheet**Supplier**

BILTEMA SWEDEN AB

Street address

Arenavägen 17

SE-433 33 Partille

Sweden

Telephone

+46 77 520 00 00

Email

kundservice@biltema.com

Web site

www.biltema.se

1.4. Emergency telephone number

No data available

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008**Classification**

Skin corrosion, hazard category 1

Serious eye damage, hazard category 1

Hazard statements

H314, H318

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Alkalisk avfettning, koncentrerad**2.2. Label elements**Labelling according to Regulation (EC) No 1272/2008**Hazard pictograms****Signal word**

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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/doctor.

P405 Store locked up.

P501 Dispose of contents/container to an approved facility for waste management.

More information

Regulation (EC) No. 648/2004 (Detergents regulation) :

<5% anionic surfactants , <5% non-ionic surfactants , <5% EDTA and salts thereof .

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Other

Tactile warning according to EN/ISO 11683.

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Alkalisk avfettning, koncentrerad**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Tetrasodium ethylene diamine tetraacetate	64-02-8 200-573-9 01-2119486762-27-0000 -	0 - <3%	Acute Tox. 4 - oral, Eye Dam. 1, Acute Tox. 4 - inhalation, STOT RE 2	H302, H318, H332, H373 - -	-
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1 500-220-1 01-2119488530-36-0000 -	0 - <2.5%	Eye Dam. 1	H318 - -	-
potassium hydroxide; caustic potash	1310-58-3 215-181-3 01-1229487136-33 019-002-00-8	0 - <1.5%	Met. Corr. 1, Acute Tox. 4 - oral, Skin Corr. 1A	H290, H302, H314 - -	Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %;
Alcohols, C9-11, branched and linear, ethoxylated	160901-09-7 500-446-0 - -	0 - <1%	Acute Tox. 4 - oral, Eye Dam. 1	H302, H318 - -	-

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

First aiders must protect themselves. Call a POISON CENTER or doctor/physician if you feel unwell.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a doctor if you feel unwell.

Skin contact

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. If symptoms persist, call a physician.

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Eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Ingestion

Do NOT induce vomiting.

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

Inhalation

Pulmonary irritation

Skin contact

Causes severe skin burns and eye damage.

Eye contact

Serious eye damage/irritation

Ingestion

Ingestion causes caustic damage in the upper digestive tract and respiratory tract.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

foam, carbon dioxide, dry powder or water mist.

Unsuitable extinguishing media

Do not use a strong jet of water as it may spread and expand the fire.

5.2. Special hazards arising from the substance or mixture

Carbon monoxide can be formed during incomplete combustion

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Depending on the fire size, wear self-contained breathing apparatus and protective coveralls and chemical resistant protective clothing.

Other

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Use water spray jet to protect personnel and to cool endangered containers.

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Alkalisk avfettning, koncentrerad**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment (refer to section 8). Safe handling: see section 7 Avoid contact with skin, eyes and clothes.

6.2. Environmental precautions

Avoid discharge to soil, water or sewers

6.3. Methods and material for containment and cleaning up

Take up spills by using non-combustible absorbent materials (eg sandy soil, iatomic soil, vermiculite). Collect in closed and suitable containers for disposal. The contaminated area should be cleaned up immediately with: Water .

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Preventive handling precautions**

Avoid exceeding given hygienic limit values. Avoid inhalation of vapor / mist. Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

General hygiene

Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container. Store in a dry place. Protect from sunlight. Keep in a cool, well-ventilated place. storage temperature : 5-35°C.

7.3. Specific end use(s)

See section 1.2 for specific applications.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
- (64-02-8/200-573-9)	DNEL	Chronic (long term) Inhalation	1.5 mg/m³	Workers	Local

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
- (64-02-8/200-573-9)	PNEC	Freshwater	2.86 mg/l
- (64-02-8/200-573-9)	PNEC	Marine water	0.286 mg/l
- (64-02-8/200-573-9)	PNEC	Intermittent releases (freshwater)	1.56 mg/l
- (64-02-8/200-573-9)	PNEC	Soil	0.937 mg/kg
- (64-02-8/200-573-9)	PNEC	Sewage Treatment Plant	55.94 mg/l

8.2. Exposure controls

Appropriate engineering controls

Provide good ventilation.

Eye / face protection

Use eye protection according to EN 166.

Hand protection

Wear protective gloves that meet the EN374 standard .

Other skin protection

No special measures are necessary.

Respiratory protection

Respiratory protection is not normally required.

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Alkalisk avfettning, koncentrerad**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Physical state**

Liquid

Colour

brown

Odour

Characteristic

Melting point / freezing point

No data available

Boiling point or initial boiling point and boiling range

No data available

Flammability

No data available

Lower and upper explosion limit

No data available

Flash point

No data available

Auto-ignition temperature

No data available

Decomposition temperature

No data available

pH

14

Kinematic viscosity

No data available

Solubility

No data available

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density1.03 - 1.07 g/cm³**Relative vapour density**

No data available

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9.2. Other information
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity
This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability
The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions
No data available

10.4. Conditions to avoid
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid freezing

10.5. Incompatible materials
Reacts with strong acids. strong bases , Oxidizing agent .

10.6. Hazardous decomposition products
In case of fire, harmful gases (carbon monoxide and carbon dioxide) can be formed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
- -	ATE mix	14 468 mg/kg	oral	-	-	-
- -	ATE mix	46 mg/l	Inhalation	-	-	-
- 160901-09-7	LD50	>1200 mg/kg	oral	-	Rat	-
- 68515-73-1	LD50	>2000 mg/kg	oral	-	Rat	-
- 1310-58-3	LD50	273 mg/kg	oral	-	Rat	-

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Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
- 64-02-8	LD50	1780 mg/kg	oral	-	Rat	OECD 401
- 64-02-8	LC50	>1-5 mg/l	Inhalation	4 h	Rat	OECD 412

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Genotoxicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Repeated dose toxicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

Based on available data, the classification criteria are not met.

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Alkalisk avfettning, koncentrerad**SECTION 12: Ecological information****12.1. Toxicity****Acute fish toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure
- 64-02-8	LC50	>100 mg/l	96 h

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure
- 64-02-8	EC50	>100 mg/l	72 h

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure
- 64-02-8	EC50	140 mg/l	48 h

Chronical toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
- 64-02-8	NOEC	>25,7 mg/l	35 d	-	OECD 210
- 64-02-8	NOEC	>25 mg/l	21 d	Daphnia magna (Big water flea)	-

12.2. Persistence and degradability**Persistence and degradability**

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

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Alkalisk avfettning, koncentrerad**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

Other

No data available

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal considerations**

Dispose of contents/container to hazardous or special waste collection point. Do not allow to enter into surface water or drains.

Packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself. Also observe national and regional regulations on waste management.

Waste code	Description
07 06 04*	other organic solvents, washing liquids and mother liquors
15 01 02	plastic packaging

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information**14.1. UN number**

1719

14.2. UN proper shipping name**ADR / RID / ADN proper shipping name**

CAUSTIC ALKALI LIQUID, N.O.S. (potassium hydroxide)

IATA proper shipping name

Caustic alkali liquid, n.o.s. (potassium hydroxide)

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Alkalisk avfettning, koncentrerad**14.3. Transport hazard class(es)****Label**

ADR/RID/ADN



8

IMDG



8

IATA



8

ADR / RID Class

8

ADR / RID Classification code

C5

ADR / RID hazard identification number

80

IMDG Class

8

IATA Class

8

ADN Class

8

ADN Class Code

CS

14.4. Packing group

ADR / RID / ADN: III

IMDG: III

IATA: III

14.5. Environmental hazards

Not applicable

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Alkalisk avfettning, koncentrerad**14.6. Special precautions for user****Special precautions for user**

tunnel restriction code E

Transport category 3

IMDG EmS

F-A, S-B

14.7. Maritime transport in bulk according to IMO instruments

IBC Instruction: IBC03

Other

Not applicable

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations**

Classification according to Regulation (EC) No 1272/2008 [CLP]

Regulation (EC) No. 648/2004 (Detergents regulation)

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15.2. Chemical safety assessment

No

SECTION 16: Other information**References to key literature and data sources**

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The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Regulation (EC) No. 648/2004 (Detergents regulation)

Phrase meaning

Met. Corr. 1 - Corrosive to metals, hazard category 1

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Skin Corr. 1A - Skin corrosion, hazard category 1A

Eye Dam. 1 - Serious eye damage, hazard category 1

Acute Tox. 4 - inhalation - Acute toxicity, inhalation, hazard category 4

STOT RE 2 - Specific Target Organ Toxicity — Repeated exposure, hazard category 2

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure