

Safety Data Sheet

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



Trade name : **Aqualyt BA-80 S**

Revision : 23.06.2017

Version (Revision) : 2.0.0 (1.2.0)

Print date : 06.07.2017

1. Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Aqualyt BA-80 S (30810651)

1.2 Relevant identified uses of the substance or mixture

Rinse agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier :

Hildebrand Industry AG

Street :

Marksteinstrasse 2

Postal code/city :

8552 Felben-Wellhausen

Telephone :

+41523684515

Telefax :

0523684699

Contact :

Jessica Imhof (service@hildebrandindustry.ch)

1.4 Emergency telephone number

Schweizerisches Tox-Zentrum, 24h-Notfallnr. 145, Telefon +41 44 251 51 51

2. Hazards identification

2.1 Classification of the substance or mixture

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

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

2.2 Label elements

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

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash the skin immediately and thoroughly with plenty of water after contact or after handling.

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P321 Specific treatment (show medical advice the label where possible).

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

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

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 This material and its container must be disposed of in a safe way.

2.3 Other hazards

None

3. Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

NON-IONIC SURFACTANT ; EC No. : Polymer

Weight fraction : 10 - 20 %

Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

CITRIC ACID ; EC No. : 201-069-1; CAS No. : 77-92-9

Weight fraction : 1 - 10 %

Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

PROPAN-2-OL ; EC No. : 200-661-7; CAS No. : 67-63-0

Weight fraction : 1 - 10 %

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319 STOT SE 3 ; H336

NON-IONIC SURFACTANT ; REACH registration No. : 02-21 19552554-37-0000 ; EC No. : Polymer

Weight fraction : 1 - 10 %

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Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Eye Irrit. 2 ; H319 Aquatic Chronic 3 ; H412
POTASSIUM CUMENESULFONATE ; REACH registration No. : 01-2119489427-24 ; EC No. : 248-827-8 ; CAS No. : 28085-69-0
Weight fraction : 1 - 10 %
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319
SODIUM CUMENESULFONATE ; REACH registration No. : 01-2119489411-37 ; EC No. : 248-983-7 ; CAS No. : 28348-53-0
Weight fraction : 1 - 10 %
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

Additional information

Full text of H- and EUH-phrases: see section 16.

Regulation (EC) No. 648/2004: Labelling for contents

non-ionic surfactants	5 - < 15	%
pereservation agents	< 5	%

4. First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Provide fresh air.

In case of skin contact

Wash with plenty of water.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Flush with plenty of water (10-15 min.).

After ingestion

Call a physician immediately. Keep at rest. Do NOT induce vomiting. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

5. Firefighting measures

Co-ordinate fire-fighting measures to the fire surroundings.

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2) Water mist Foam Dry extinguishing powder Water spray jet

5.2 Special hazards arising from the substance or mixture

Not combustible under normal conditions.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

5.4 Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

For cleaning up

Soak up inert absorbent and dispose as waste requiring special attention. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.4 Reference to other sections

None

7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. When using do not eat, drink, smoke, sniff. To follow : Other regulations, restrictions and prohibition regulations
Normal precautions taken when handling chemicals should be observed.

7.2 Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep/Store only in original container. Notice the directions for use on the label. Keep container tightly closed. Always close containers tightly after the removal of product. Ensure adequate ventilation of the storage area. Store in accordance with local official regulations.

Hints on joint storage

Storage class : 10

Storage class (TRGS 510) : 10

Do not store together with

No special measures are necessary.

7.3 Specific end use(s)

None

8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

PROPAN-2-OL ; CAS No. : 67-63-0

Limit value type (country of origin) : MAK (CH)
Limit value : 200 ppm / 500 mg/m³
Remark : B SSC
Version : 01.01.2013

Limit value type (country of origin) : STEL (CH)
Limit value : 400 ppm / 1000 mg/m³
Remark : B SSC
Version : 01.01.2013

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 200 ppm / 500 mg/m³
Peak limitation : 2(II)
Remark : Y
Version : 04.11.2017

Limit value type (country of origin) : TRGS 903 (D)
Parameter : Acetone / Whole blood (B) / End of exposure or end of shift
Limit value : 50 mg/l
Version : 31.03.2004

Limit value type (country of origin) : TRGS 903 (D)
Parameter : Acetone / Urine (U) / End of exposure or end of shift
Limit value : 50 mg/l
Version : 31.03.2004

8.2 Exposure controls

Personal protection equipment

Wash hands before breaks and after work.

Eye/face protection

EN 166. None, if handled according to order.

Skin protection

Hand protection

EN 374. None, if handled according to order.

Body protection

EN 14605, EN 20344, EN 20345. None, if handled according to order.

Respiratory protection

EN 143, EN 14387. None, if handled according to order.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

Colour : colourless

Odour : odourless

Safety relevant basis data

Initial boiling point and boiling range (1013 hPa) : not applicable

Flash point : 64 °C

Vapour pressure : (50 °C) not applicable

Density : (20 °C) 1.04 g/cm³

Solvent separation test : (20 °C) not applicable

Solubility in water : well water-solubly

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pH :	(20 °C / 10 g/l)	approx.	5
Viscosity :	(20 °C)	approx.	10 mPa.s

9.2 Other information

None

10. Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

None known.

11. Toxicological information

11.1 Information on toxicological effects

No information available.

11.4 Other adverse effects

According to our experience no damage to health has appeared even in case of long lasting contact.

Other observations

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

12. Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

Biodegradation

Parameter :	Biodegradation (NON-IONIC SURFACTANT)
Inoculum :	Degree of elimination
Evaluation parameter :	Aerobic
Effective dose :	>= 90 %
Evaluation :	Readily biodegradable (according to OECD criteria).
Method :	OECD 301E/ EEC 92/69/V, C.4-B
Parameter :	Biodegradation (NON-IONIC SURFACTANT)
Inoculum :	Degree of elimination
Evaluation parameter :	Aerobic
Effective dose :	>= 90 %
Evaluation :	Readily biodegradable (according to OECD criteria).
Method :	OECD 303/ EEC 92/69/V, C10
Parameter :	Biodegradation (NON-IONIC SURFACTANT)
Inoculum :	Degree of elimination
Evaluation parameter :	Aerobic
Effective dose :	>= 90 %
Evaluation :	Readily biodegradable (according to OECD criteria).
Method :	OECD 303/ EEC 92/69/V, C10

Regulation on Detergents (EC) No 648/2004, respectively Chemical Risk Reduction Regulation 814.81 (ChemRRV): 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.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

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The sewage liberated during use can be emptied into drains after separation of the solid material part and without preceding neutralization.

13. Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Non-contaminated packages may be recycled.

Waste codes/waste designations according to EWC/AVV

Waste code product

Waste code (91/689/EEC) : 20 01 30 Waste code (ÖNORM S 2100): 59402 Cleaning agent residues

14. Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

15. Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

The product is intended for professional use.

National regulations

Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

15.2 Chemical safety assessment

No information available.

16. Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 03. Hazardous ingredients

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

The details in this material safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The user is responsible for the observance of all required statutory provisions.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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