

Safety Data Sheet

SoftAcid Aqua E

Replaces date: 21/12/2017

Revision date: 23/09/2020

Version: 1.8.0

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

1.1. Product identifier

Trade name: SoftAcid Aqua E

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

Recommended uses: pH-adjusting agent

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Borregaard AS
Address: P.O. Box 162
City: 1701 Sarpsborg
Country: NORWAY
E-mail: sds@borregaard.com
Phone: + 47 69 11 80 00
Fax: + 47 69 11 87 70

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24))
+47 69 11 88 88 (Borregaard emergency 24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Eye Dam. 1;H318

Most serious harmful effects: Causes serious eye damage.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: Acetic acid 80%.

Hazard Statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection/face protection.

P305+351+338+315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

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

2.3. Other hazards

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Classified on the basis of tests according to OECD guideline 404 (2015).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Acetic acid 80%.	64-19-7	200-580-7	01-2119475328-30	80 - 98 %		Flam. Liq. 3;H226 Skin Corr. 1B;H314
Sodium lignosulfonate (Lignosulfonic acid, sodium salt), fluid	8061-51-6			2 - 20 %		

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Do not induce vomiting. Seek medical advice in case of discomfort.
Skin contact:	Wash the skin with water.
Eye contact:	Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.
General:	When obtaining medical advice, show the safety data sheet or label.

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

Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not directly flammable. Choose extinguishing agents based on the surrounding fire. Extinguish with powder, foam, carbon dioxide or water mist.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous fumes are formed in fire conditions. The product is not directly flammable. Avoid inhalation of vapour and fumes - seek fresh air.

5.3. Advice for firefighters

If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn. Extinguishing water which has been in contact with the product may be corrosive.

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Keep unnecessary personnel away. Stop leak if this can be done without risk. In case of insufficient ventilation, wear respiratory protective equipment. Wear safety goggles. Wear gloves. Wear suitable protective clothing.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water. Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers. Provide good ventilation.

6.4. Reference to other sections

See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

All work must be carried out under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke during work. Running water and eye wash equipment must be available.

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated area. Store in a dry, cool, well-ventilated area.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	fiber/cm ³	Remarks	Comments
Acetic acid 80%.	8h	10	25			

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below. Do not eat, drink or smoke when using this product.

Personal protective equipment, eye/face protection: Wear safety goggles/face protection. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Wear suitable protective clothing.

Personal protective equipment, hand protection: The product is not classified as a skin irritant, but use of gloves is recommended. Use disposable gloves of butyl rubber.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Brown
Odour	Characteristic

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Solubility	Solubility in water: Highly soluble
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	< 1	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	> 100 °C	Acetic acid
Flash Point	> 60 °C	Acetic acid 80%
Evaporation rate	1.34	Acetic acid 80%
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	4 - 16 vol%	Acetic acid 80%
Vapour pressure	No data	
Vapour density	~ 2.1	Acetic acid 80%
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	~ 460 °C	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Density	1.07 g/cm ³	

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Avoid contact with the following: Acids/ Strong oxidisers/ Strong alkalis/

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

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

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Acute toxicity - oral:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - dermal:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - inhalation:	Based on existing data, the classification criteria are deemed not to have been met.
Skin corrosion/irritation:	Based on existing data, the classification criteria are deemed not to have been met.
Serious eye damage/eye irritation:	Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.
Respiratory sensitisation or skin sensitisation:	Based on existing data, the classification criteria are deemed not to have been met.

SECTION 12: Ecological information

12.1. Toxicity

No effect on the environment.

12.2. Persistence and degradability

Expected to be biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

The product affects the pH value of the local aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not discharge large quantities of concentrated spills and residue into drains. Avoid unnecessary release to the environment.

Category of waste: 06 01 06* other acids

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Environmental hazards: Not applicable.

Inland water ways transport (ADN)

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14.1. UN number or ID number: Not applicable.

14.4. Packing group: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.5. Environmental hazards: Not applicable.

14.3. Transport hazard class(es): Not applicable.

Sea transport (IMDG)

14.1. UN number or ID number: Not applicable.

14.4. Packing group: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.5. Environmental hazards: Not applicable.

14.3. Transport hazard class(es): Not applicable.

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number: Not applicable.

14.4. Packing group: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.5. Environmental hazards: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

Special Provisions: ADR/RID. REACH (EC 1907/2006) GHS/CLP (EC NO1272/2008) GHS USA June, 2015.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.8.0	23/09/2020	Borregaard AS	General review and update
1.7.0	21/12/2017	Borregaard AS	Section 3
1.6.0	02/11/2017	Borregaard AS	Section 1, 2, 4, 8, 11, 13, 14

Vendor notes:

Information given in this safety data sheet is in accordance with our information, and to the best of our knowledge, was correct on the last revision date. Information given is intended to present guidelines for safe handling, use, processing, storage, transport, disposal and discharge; it is not intended to be a guarantee or quality specification. It is the responsibility of the recipient of this safety data sheet to ensure that information given here is read and understood by all who use, handle, dispose of or in any way come in contact with the product.

List of relevant H-statements

H226

Flammable liquid and vapour.

H314

Causes severe skin burns and eye damage.

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H318

Causes serious eye damage.

Country:

GB