

SAFETY DATA SHEET

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

Aquaseal

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

1.1 Product identifier Aquaseal

1.2 Relevant identified uses of the product and uses advised against

Intended use: Ingredients for professional use

Function or category of use: Sealant

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Sunchem AB
Postal address: Box 69
S-433 21 Partille
Sweden

Contact person: Dick Sundström
Tel.: +46-31 447310
Fax: +46 31 449581
E-mail: purchasing@sunco.se

1.4 Telephone emergency number:

In case of emergency, contact toxicological information, emergency tel 112.

For non-emergency poison information, see:

http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

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

Flam. Liq. 3, H226

STOT SE 3, H336

Explanations for H-declarations, see section 16

2.2 Label elements

Classification according to regulation (EC) No. 1272/2008 (CLP)

Pictogram(s)



Signal word

Warning

Contains n-butyl acetate

Hazard statements

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P233 Keep container tightly closed.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P403+P235 Store in a well ventilated place. Keep cool.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Additional information

EUH066 Repeated exposure may cause skin dryness or cracking

2.3 Other hazards

This mixture does not contain any substances that meets the criteria for PBT or vPvB in accordance with Regulation (EC) No. 1907/2006, Annex XIII.

This mixture does not contain substances at $\geq 0,1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3. Composition/information on ingredients

3.2 Mixtures

Declaration of components according to Regulation (EC) No. 1272/2008

Chemical name	CAS No. EC No.	REACH Reg. No. Index No.	Conc. %	Classification according to (EG) 1272/2008 [CLP]
n-butyl acetate	123-86-4 204-658-1	- 607-025-00-1	30–40	Flam. Liq. 3; H226 STOT SE 3; H336

For full text of the H-statements see section 16 "Other information".

SECTION 4. First aid measures

4.1 Description of first aid measures

General: Move the person to fresh air and ensure that breathing is facilitated. In the least doubt or if symptoms persist, seek medical attention or contact a toxicological center.

Inhalation:	In case of discomfort, contact a poison information center or doctor. Move the person to fresh air and ensure that breathing is facilitated.
Skin contact:	Wash skin with soap and water. Immediately remove any contaminated clothes. If symptoms persist, consult a doctor.
Eye contact:	Rinse carefully with water for several minutes. Remove any contact lenses if this can be done easily. Continue to rinse.
Ingestion:	Rinse nose, mouth and throat with water. Contact a doctor if a larger amount has been consumed. If unconscious, give anything to drink.

4.2 Most important symptoms and effects, both acute and delayed

General:	Pneumonia can occur if small amounts enter the lungs when ingested.
Inhalation:	May cause drowsiness or dizziness.
Skin contact:	Prolonged contact may cause slight irritation.
Eye contact:	Splashes of liquid in the eye can cause irritation.
Ingestion:	Ingestion may cause nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

No special first aid measures are indicated.

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Extinguishing media is selected taking into account the surrounding fire.
Unsuitable extinguishing media:	Avoid strong water jet directly at the fire. Risk of the fire starts spreading.

5.2 Special hazards arising from the substance or mixture

Fire risk:	Flammable liquid and vapour. Vapours are heavier than air and may spread along floors.
Risk of explosions:	The vapours may form explosive air mixtures.
Hazardous decomposition products:	Carbon monoxide (CO) and carbon dioxide (CO ₂).

5.3 Advice to firefighters

Extinguishing instructions:	Do not stay in the fire area without proper protective equipment, inclusive respiratory protection. Use caution when extinguishing fires where chemical products are involved. Containers close to the fire are moved immediately or cooled with water.
Protection during extinguishing of fire:	Firefighter exposed to combustion gases/decomposition products, must use breathing protection with air supply.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures: Ensure adequate ventilation, especially in confined spaces. Avoid skin or eye contact. Avoid inhalation of gases/smoke/vapour/mist (suitable wording is provided by the manufacturer). No open flames, smoking prohibited.

For personnel other than emergency personnel

Protective equipment: Use suitable protective equipment – see section 8.

Plans for emergencies: Ventilate the spill area. No open flames, no sparks, no smoking.

For emergency personnel

Protective equipment: Prohibited to intervene unless adequate protective equipment is available. For more information, see section 8: “Control individual exposure and individual protection”.

6.2 Environmental precautions

Avoid discharges into sewers or in water courses. Prevent discharges to the environment.

6.3 Methods and material for containment and cleaning up

For restraint: Disposal at an authorized facility for waste collection.

Cleaning methods: Collect the product mechanically. Absorb spilled liquid in absorbent. Clean with water.

Other information: Dispose of materials and solid residual products at an authorized facility.

6.4 Reference to other sections

See Section 8 for personal protection and Section 13 for disposal considerations, respectively.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Further risks during processing: Stored as a flammable liquid.

Precautions for safe handling: Ensure adequate ventilation. Avoid spills, skin, and eye contact. Do not expose to heat, hot surfaces, sparks, open flame, or other ignition sources. Smoking forbidden. Install an eyewash station at the workplace.

Measures regarding hygiene: Do not eat, drink, or smoke when using the product. Wash hands, arms, and face thoroughly after use. Contaminated clothes should be washed before being used again.

7.2 Conditions for safe storage, including any incompatibilities

Keep cool. Protect from sunlight. Store dry. Store in a well-ventilated place. The packaging must be kept tightly closed. Stored as a flammable liquid.

7.3 Specific end use(s)

No further data.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

The national occupational exposure limit values that correspond to Union occupational exposure limit values in accordance with Directive 98/24/EC, including any notations as referred to in Article 2(3) of Commission Decision 2014/113/EU(5);

Substances	ppm	mg/m ³	Interval	Category	Notes
n-butyl acetate CAS 123-86-4	150	710		TWA	

8.2 Exposure control

Assigned personal protection equipment is a guideline. A risk assessment of actual risks may lead to other requirements.

8.2.1 Engineering controls

Work in a well-ventilated area. Eye shower must be installed close at hand wherever exposure may occur.

8.2.2 Personal protection

Personal protective equipment must be selected in accordance with CEN-standards and after a discussion with the supplier of the protective equipment.

8.2.2.1 Eye protection

In the event of spatter, wear protective goggles. STANDARD EN 166.

8.2.2.2 Hand protection

Use protective gloves for prolonged or repeated skin contact. Nitrile rubber. Breakthrough time: 6 (> 480 minutes). Material thickness: 0.2 – 0.4 mm. STANDARD EN 374.

8.2.2.3 Skin protection

Suitable protective clothing must be used.

8.2.2.3 Respiratory protection

Respiratory protective equipment is recommended if handling the substance can lead to inhalation. Use respiratory protection with a gas filter, for instance, AX. STANDARD EN 149.

8.2.2.4 Thermal hazard

The product is classified as flammable liquid and vapor according to CLP (H226).

8.3 Environmental exposure control

See Section 6.2.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

a	Physical state	Liquid
b	Colour	Grey
c	Odour/odour threshold	Mild/7-20 ppm
d	Melting point/Freezing point	No data available/not applicable
e	Initial boiling point/boiling range	126°C /not applicable
f	Flammability (solid, gas)	No data available/not applicable
g	Lower and upper explosion limit	1.2 – 7.5 vol %
h	Flash point	27°C
i	Auto-ignition temperature	370°C
j	Decomposition temperature	No data available/not applicable
k	pH	6.2
l	Kinematic viscosity	No data available/not applicable
m	Solubility	Soluble in most organic solvents. Insoluble in water.
n	Partition coefficient (n-octanol/water)	No data available/not applicable
o	Vapour pressure	15
p	Density and/or relative density	0.93 g/cm ³ at 20°C/no data available for relative density
q	Relative vapour density	4 at 20°C
r	Particle characteristics	No data available/not applicable

Dynamic viscosity 15000 mPa.s

9.2 Other information

9.2.1 Information with regard to physical hazard classes

a	Explosives	No data available/not applicable
b	Flammable gases	Flammable
c	Aerosols	No data available/not applicable
d	Oxidising gases	No data available/not applicable
e	Gases under pressure	No data available/not applicable
f	Flammable liquids	Flammable
g	Flammable solids	No data available/not applicable
h	Self-reactive substances and mixtures	No data available/not applicable
i	Pyroforic liquids	No data available/not applicable
j	Pyroforic solids	No data available/not applicable
k	Self-heating substances and mixtures	No data available/not applicable
l	Substances and mixtures, with emit flammable gases in contact with water	No data available/not applicable
m	Oxidising liquids	No data available/not applicable
n	Oxidising solids	No data available/not applicable
o	Organic peroxides	No data available/not applicable
p	Corrosive to metals	No data available/not applicable
q	Desensitised explosives	No data available/not applicable

9.2.2 Other safety characteristics

Not applicable

SECTION 10. Stability and reactivity

10.1 Reactivity

Flammable liquid and vapour.

10.2 Chemical stability

Stable under normal temperature and usage conditions.

10.3 Possibility of hazardous reactions

No known hazardous reactions under normal use.

10.4 Conditions to avoid

Avoid contact with hot surfaces, avoid heat, flames, and sparks. Eliminate all sources of ignition.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Under normal storage conditions and normal use, no hazardous transformation products should be formed.

SECTION 11. Toxicological information

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

No toxicological tests have been performed on the product.

General toxicological information

Hazardous components CAS no.	Value Type	Value	Route of exposure	Exposure time	Species	Method
n-butyl acetate CAS 123-86-4	LD50	13 100 mg/kg	Oral		Rat	
n-butyl acetate CAS 123-86-4	LD50	>5000 mg/kg	Dermal		Rabbit	
n-butyl acetate CAS 123-86-4	LC50	>21 mg/l/4u	Inhalation		Rat	

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity:

Not classified. The classification criteria are not met based on available information.

Skin corrosion/irritation:	Not classified
Serious eye damage/eye irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT – single exposure:	May cause drowsiness or dizziness
STOT – repeated exposure:	Not classified
Aspiration hazard:	Not classified

11.2 Information on other hazards

Not applicable

SECTION 12. Ecological information

12.1 Toxicity

The product should not be labelled as dangerous for the environment in accordance with current regulations. This does not exclude that temporary larger emissions or frequently repeated releases can have a harmful or disruptive effect on the environment.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

The product contains substances that are insoluble in water and sediment in the aquatic environment.

12.5 Results of PBT and vPvB assessment

The substance/mixture does not fulfil the criteria to be identified as PBT substance or vPvB substance.

12.6 Endocrine disrupted properties

No data available.

12.7 Other adverse effects

No data available.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Dispose according to Directive 2008/98/EC on waste (Waste Framework Directive) and in compliance with local and national legislation. Do not allow to enter sewers. Transfer to a waste container and send for destruction.

Packaging may still contain hazardous residues and disposal should be undertaken by a licensed waste contractor. Any disposal practice must comply with local and national laws and regulations.

Suggested EWC codes

07 06 04* Other organic solvents, washing liquids and mother liquors

SECTION 14. Transport information

14.1 UN number

ADR	1133
RID	1133
IMDG	1133
ICAO/IATA	1133

14.2 UN proper shipping name

ADR	ADHESIVES
RID	ADHESIVES
IMDG	ADHESIVES
ICAO/IATA	ADHESIVES

14.3 Transport hazard class(es)

ADR	3
Hazard no.	30
RID	3
ADN	3
IMDG	3
ICAO/IATA	3

14.4 Packaging group

ADR	III
RID	III
IMDG	III
ICAO/IATA	III

14.5 Environmental hazards

ADR	NO
RID	NO
IMDG	NO
ICAO/IATA	NO

14.6 Special precautions for user

Tunnel restriction code	D/E
Limited quantities, ADR	5L

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

Contains no substances subject to restrictions according to Annex XVII of REACH.

Contains no substances on the REACH candidate list.

Contains no substance listed in Annex XIV of REACH.

Product type (Biocide) 2 – Disinfectants and algaecides

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

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.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16. Other information

Revision summary

Explanations to abbreviations in Section 14

ADR	European Agreement Concerning the International Carriage of Dangerous Goods by Road
RID	Règlement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by rail)
IMDG	IMDG code (International Maritime Dangerous Goods Code)
ICAO	International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)
IATA	International Air Transport Association

Explanations to abbreviations in Section 3

Flam. Liq. 3	Flammable Liquid (Category 3)
STOT SE 3	Specific target organ toxicity (single exposure) (Category 3)

Explanations to H statements in Section 3

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.

This safety data sheet has been produced and reviewed by Chemgroup Scandinavia AB.
