
1. Product and Company Identification

1.1 Product identifier

Product ID: 722711

Trade name: STABISOL

1.2 Use:

Processing aid in the brewing industry, imparting colloidal stability of beer

1.3 Details of the supplier of the safety data sheet

STABIFIX Brauerei-Technik GmbH & Co. KG,

Lochhamer Schlag 17, D-82166 Gräfelfing

Further information obtainable from:

STABIFIX Brauerei-Technik GmbH & Co. KG

Phone: +49 89 8989990 (Mo-Do: 8 am – 4.30 pm, Fr: 8 am – 1 pm)

Email: mika.unting@stabifix.com

1.4 Emergency telephone number: +49 361 730730 Giftzentrum Erfurt / Poisoning Cases Erfurt [de/eng] (Mo-So (Mo-Su): 24 h]

2. Hazards identification:

2.1. Classification on the substance or mixture

Classification according to Regulation (EC) No 1272/2008. The substance is not classified according to the CLP regulation.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Precautionary statements

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

P232 Protect from moisture

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

P374 Fight fire with normal precautions from a reasonable distance

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

3. Composition/Information on Ingredients

3.1. Chemical characterisation: Aqueous, colloidal, slightly alkaline silicic acid dispersion.

Components:

Components	CAS-No.	EINECS No.	% w/w	Hazard symbol	R phrases
Amorphous silicic acid	7631-86-9	231-545-4	25 – 50		
Water	7732-18-5	231-791-2	44,5 – 73,5		

4. First aid measures

4.1. Description of first aid measures:

General information: No special measures required.

After inhalation: Supply fresh air, consult doctor in case of complaints.

After skin contact: Immediately rinse with water.

After eye contact: Rinse opened eye for several minutes under running water.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available

Information for doctor: If medical advice is needed, have product container or label at hand.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Fire-fighting measures:

5.1 Extinguishing media Use fire extinguishing methods suitable to surrounding conditions.

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substances or mixture No further relevant information available.

5.3 Advice for firefighters Fight fire with normal precautions from reasonable distance.

Protective equipment: No special measures required.

6. Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures Wear protective clothing.

6.2 Environmental precautions: No special measures required.

6.3 Methods and material for containment and cleaning up:

Avoid formation of dust.

Pick up mechanically.

6.4 Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage:

7.1 Precautions for safe handling No special measures required.

Information about fire – and explosion protection: Protect against electrostatic charges

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

Storage class: 13

7.3 Specific end use(s) No further relevant information available.

8. Exposure controls/personal protection

Additional information about design of technical facilities : No further data, see item 7

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace :

Not required.

AGW 4 E mg/m³

DFG, 2, Y

DNELs

Inhalative DNEL 4 mg/m³ (hum)

PNECs

PNEC aqua (fw) n.a. mg/L (freshwater)

PNEC aqua (ir) n.a. mg/L (intermittent release)

PNEC aqua (mw) n.a. mg/L (marine water)

PNEC aqua (se) n.a. mg/kg d.w. (sediment)

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Use skin protection cream for skin protection.

Respiratory protection: Not required.

Protection of hands:

Protective gloves and protective skin cream.

Preventive skin protection by use of skin-protecting agents is recommended.

Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.11 mm

Penetration time of glove material: Not applicable.

Eye protection: Not required.

Body protection: Protective work clothing.

9. Physical and chemical properties:

9.1 Information on basic physical and chemical properties

General information

Appearance:	Liquide
Colour:	Opalescent turbid
Odour:	None
Odour threshold:	Not determined.
Boiling point:	approx. 100° C at 1013 mbar
Freezing point:	approx 0° C
Density:	1,09 - 1,35 g/cm ³ at 20° C
Vapour pressure:	approx. 20 mbar at 20° C
Viscosity:	
Dynamic:	< 20 mPa.s at 20° C
Solubility in water:	miscible
pH value:	9 - 10 at 20° C (original solution)
Flash point:	not applicable
Ignition temperature:	not applicable
Explosive limits:	not applicable

9.2 Other information:

No further relevant information available.

10. Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

Protect from moisture.

No decomposition if used and stored according to specifications.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information:

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

7631-86-9 silicon dioxide, chemically prepared

Oral LD50 >10000 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rabbit)

Inhalative LC50/4h >2080 mg/m³ (rat)

Primary irritant effect:

On the skin: Repeated exposure may cause skin dryness or cracking.

On the eye: No irritating effect.

Sensitization: No sensitizing effects known:

Additional toxicological information:

When used and handled according to specifications, the product does not have harmful effects to our experience and the information provided to us.

The substances is not subject to classification according to the latest version of the EU lists.

Repeated dose toxicity

Oral NOAEL 4500 mg/(kg bw d) (mice) (OECD 452/453)

2000 mg/(kg bw d) (rat) (OECD 452/453)

NOEL 8000 mg/(kg d) (rat) (OECD 408)

Inhalative LOAEC 25,1 mg/m³ (rat) (OECD 412 (5 d))

NOAEC 5,13 mg/m³ (rat) (OECD 412 (5 d))

NOAEL 1 mg/m³ (hum)

NOEC 0,94 mg/m³ (rat) (OECD 412 (5 d))

12. Ecological information:

12.1 Toxicity

Aquatic toxicity:

EL0/24h 1000 mg/L (daphnia)

EL50/24h >10000 mg/L (daphnia)

EL50/72h >10000 mg/L (scenedesmus subspicatus)

LL0/96h 10000 mg/L (brachydanio rerio)

PNEC aqua n.a. mg / L (-)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Generally not hazardous for water

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

13. Disposal considerations:

13.1 Waste treatment methods

Recommendation

Subsequent information refers to the deliver goods not to be used goods.
Smaller quantities can be disposed of with household waste.

European waste catalogue

06 08 99 wastes not otherwise specified
15 01 01 paper ad cardboard packaging

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transport information:

14.1 UN-Number

IATA Not applicable.

14.2 UN proper shipping name

IATA Not applicable.

14.3 Transport hazard class(es)

IATA Not applicable.

14.4 Packing group

IATA Not applicable.

14.5 Environmental hazard:

Marine pollutant: No

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15. Regulatory information:

Registration number 01-2119379499-16-0065

15.1 Safety, health and environmental regulations/legislations specific for the substances of mixture

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Precautionary statements

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P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Quality department

Contact: Mr. Mika Unting