

SAFETY DATA SHEET

GELOCOLLE

version : EN/17-11-15/C

page : 1/3

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name: Silica sol

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

Industry, wine and food

1.3. Details of the supplier of the safety data sheet

Company details: Institut Œnologique de Champagne
Z.I. de Mardeuil – Allée de Cumières – BP 25
51201 EPERNAY Cedex
FRANCE
Tel: + 33 (0) 3.26.51.96.00.
Fax: + 33 (0) 3.26.51.02.20.
fds@ioc.eu.com

1.4. Emergency telephone number

112

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not applicable.

2.2. Label elements

Not applicable

2.3. Other hazards

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Chemical name: Colloidal solution in water of silicic acid

3.2. Mixtures

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye contact : rinse abundantly eyes with a lot of natural water.

Skin contact : take spoiled clothes off, and wash skin with a lot of fresh water and soap, then rinse.

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

Data no available

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

None

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Appropriate extinction means: No combustible product. Use appropriate means or fighting nearby fires.

5.2. Special hazards arising from the substance or mixture

Data no available.

5.3. Advice for firefighters

Data no available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eye, skin and respiration – wear appropriate protection

6.2. Environmental precautions

None known

6.3. Methods and material for containment and cleaning up

Protect sewage from possible leaking of product. Collect the residues in identified container. Wash the ground.

6.4. Reference to other sections

See Section 13 for disposal of the substance

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Wear protection clothes, gloves and glasses.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in original sealed container, never under 5°C, never over 40°C. Store in retention area for liquids.

Contact to avoid : Dangerous reaction with powerful oxidants.

7.3. Specific end use(s)

SAFETY DATA SHEET

GELOCOLLE

version : EN/17-11-15/C

page : 2/3

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters

Data no available

8.2. Exposure controls

Body protection: appropriate clothes.

Hands protection: gloves.

Eyes protection: glasses.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Apperance: Liquid at 20°C

Odour: No data available

Odour threshold: No data available

pH: around 9

Melting / freezing point: No data available

Initial boiling point and boiling range: 100 °C

Flash point: No data available

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits: No data available

Vapour pressure: No data available

Vapour density: No data available

Relative density: No data available

Solubility(ies): No data available

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidising properties: No data available

9.2. Other information

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Product stable under normal conditions of storage and reactivity.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Dangerous reaction with powerful oxidants

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Oxidants

10.6. Hazardous decomposition products

No data available

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Non toxic product - light irritation of eye & skin if contact.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Avoid rejecting product in environment

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Not determined

12.4. Mobility in soil

Not determined

SAFETY DATA SHEET

GELOCOLLE

version : EN/17-11-15/C

page : 3/3

12.5. Results of PBT and vPvB assessment

Not determined

12.6. Other adverse effects

Not determined

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Comply with applicable regulation.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

Not regulated.

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not regulated

14.6. Special precautions for user

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not regulated

SECTION 15. REGULATORY INFORMATION

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

Not applicable

15.2. Chemical safety assessment

No.

SECTION 16. OTHER INFORMATION

Compliance with Regulation (EU) No 453/2010 of 20 May 2010

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