



Liquid Isinglass

1 Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation

Natural fining agent for wine and fruit juice; consisting of a 2% isinglass gel, stabilized with SO₂. The product is produced from fish swim bladders of different caviar fish with high native collagen content.

Trade name

Liquid Usinglass

Artikelnummer / Art.-no.

005.060.9 – 005.063.3

1.2 Use of the substance / preparation

1.2.1 Identified use(s)

Industry / Professional: According to the specifications.

Private: None.

1.3 EC market responsible person

1.3.1 Company/undertaking identification

Brouwland BVBA, Korpelsesteenweg 86, 3581 Beverlo, Belgium

Tel. : +32(0)11 40 14 08

e-mail : info@brouwland.com

1.3.2 Emergency telephone:

Tel: +32(0)11 40 14 08

This number is serviced during office hours from Monday-Friday.

2 Hazards identification

2.1 Classification:

The preparation is not dangerous in the sense of EU legislation.

2.2 Other hazard(s):

No special remarkable hazards for human and environment.

3 Composition/information on ingredients

3.1. Chemical name: : Hydrolized isinglass gel, SO₂-stabilized.

Synonym(e) / Synonyme(s): ---.

Hazard(ous) ingredients / impurity(ies): Preserved with citric acid [CAS Nr. 5949-29-1] < 5 % and sulphur dioxide [CAS-no. 7446-09-5] < 2500 ppm.

3.2. Additional information:

No additional information.

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4 First aid measures

4.1 General informations

No special measures are necessary.

4.2 In case of inhalation

Provide for fresh air. May cause difficulties in breathing (sulfite asthma)

4.3 In case of skin contact

Wash off with water and soap.

4.4 In case of eye contact

In case of contact with eyes, rinse immediately thoroughly with plenty of water and consult an ophthalmologist.

4.5 In case of ingestion

If swallowed immediately rinse mouth thoroughly with water and drink water. May cause problems (sulfite asthma).

4.6 Self-protection of the first aider

First aider: Pay attention to self-protection!

5 Fire-fighting measures

5.1 Suitable extinguishing media

Coordinate fire-fighting measures to the fire surroundings.

5.2 Extinguishing media which must not be used for safety reasons

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

5.3 Special exposure hazards

In case of fire possible formation of CO₂, CO, NH₃, SO₂.

5.4 Special protective equipment for fire-fighters

Wear full protective clothing.

6 Accidental release measures

6.1 Personal precautions

Avoid generation of aerosols.

6.2 Environmental precautions

Prevent from flowing off in larger quantities into water systems.

6.3 Methods for cleaning up

Wash with plenty of hot water (approx. 60°C). Product must be completely removed, since risk of slipping.

6.4 Additional information

No additional information.

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7 Handhabung und Lagerung / Handling and Storage

7.1. Handling

Working places should be designed to allow cleaning at any time.

7.2. Storage / storage conditions

Store in a cool and dry, well-ventilated place, protected from foreign odours.

7.3. Specific use(s)

See specifications.

8 Exposure controls / Personal protection

8.1. Expositionsgrenzwerte / Exposure limit values

No substance related limit value available.

8.2. Exposure controls

8.2.1. Occupational exposure controls.

a) Occupational exposure controls

In case of aerosol-formation: recommended.

b) Hand protection

Protective gloves recommended.

c) Eye protection

Protective goggles recommended.

Additional protection measures:

When using do not eat, drink, smoke, sneeze.

8.2.2. Environmental exposure controls

See section 7. No additional measures necessary.

8.2.3. Substance control in consumer or downstream products

No special measures necessary.

9 Physical and chemical Properties

9.1 Appearance

Physical state: highly viscous gel.

Colour: Opaque.

Smell: Light SO₂ smell.

9.2 Important health, safety and environmental information

Bulk density: Not applicable.

Density: ~ 1 g/ml.

pH-value (°20°C): ~ 2

Melting point : Not applicable.

Boiling temperature : approx. 100 °C.

Autoignition : No self-ignition.

Explosive properties: Not applicable.

Water solubility: Soluble.

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**10 Stability and Reactivity****10.1 Conditions to avoid**

Avoid higher temperatures.

10.2 Materials to avoid

No data available.

10.3 Hazardous decomposition products

In case of fire possible formation of CO₂, CO, NH₃, SO₂.

11 Toxicological information**11.1 Toxicokinetics, metabolism and distribution**

According to the present state of knowledge toxic effects are not expected.

11.2 Acute Effects (acute toxicity, Irritant and corrosive effects)

Possible irritation by SO₂ on eyes and respiratory system.

12 Ecological information**12.1 Ecotoxicity**

According to the present state of knowledge negative ecological effects are not expected.

12.2 Mobility

According to the present state of knowledge negative ecological effects are not expected.

12.3 Persistence and degradability

Part of the components is biodegradable.

12.4 Bioaccumulative potential

No indication to bioaccumulation potential.

12.5 Results of PBT assessment

This substance does not meet the criteria for classification as PBT or vPvB..

12.6 Other adverse effects

The product is ecologically harmless and biodegradable, yet the environment should not be polluted with larger product quantities.

13 Disposal considerations**13.1 Appropriate disposal / product**

Dispose of waste according to applicable local, state, and federal regulations.

Recommendation: None.

13.2 Appropriate disposal / packaging

Dispose of waste according to applicable local, state, and federal regulations.

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**14 Transport information**

14.1 Land transport (ADR/RID): No dangerous good in sense of this transport regulation.

14.2 See (IMDG), Binnen (A.D.N.R.): No dangerous good in sense of this transport regulation..

14.3 Air transport (IATA): No dangerous good in sense of this transport regulation.

15 Regulatory information**15.1 EU-Regulations according to GHS - regulation (EC) 1272/2008****Hazard symbol(s) and labelling of the product**

Not required.

Hazard(ous) component(s) for labelling:

Not applicable.

H-phrases

Not required.

P-phrases

Not required.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Special provisions concerning the labelling of certain preparations

Please adhere to EU legislation.

15.3 National regulations

Water hazard class (WGK): nwg (non-water polluting substance).

16 Other information**16.1 Relevant H-phrases under section 3 (Number and full text):**

None.

16.2 Training instructions: None.

16.3 Further information: Please refer to our internet website for more information..

With the information given, which complies with our present knowledge and experience, we would like to describe our products in view of possible safety requirements, however we do not combine any warranty of product property or quality. Laws and regulations currently in force, have to be adhered to by the user.

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

Revision: 03/2015