

Safety Data Sheet

In accordance with Ordinance (EC) No. 1907/2006

Trade name : Ultrasound gel
Revised on : 04.09.2015
Print date : 28.9.2015
Version : 1 new

01. Designation of the material or preparation and the company designation

Trade name

Ultrasound gel

Use of substance / preparation

Manufacturer / supplier

Gello GmbH

Road / Postcode

Harmate 28

Nat. code/Postcode/Place

D-48683 Ahaus-Wüllen

Contact point for technical information

02561-9802-0

Telephone / Fax / Email

++49-2561-9802-0 / ++49-2561-9802-30 / info@gello.de

Emergency information

++49-30-19240

02. Possible hazards

Classification

Not a hazardous mixture acc. Ordinance (EC) No. 1272/2008

Not a hazardous preparation in terms of Directive 1999/45/EC.

Additional hazard warnings for humans and the environment

Acc. the Harmonised System of Classification and Labelling of Chemicals (GHS), the product does not require hazard labelling

03. Composition/information on the components

Chemical characterisation

Preparation of water, humectant, thickener, preservative, neutralisation agent and any food colourings

Hazardous contents

Chemical designation	CAS No.	Classification (67/548/EEC)	Classification (Ordinance (EC) No. 1272/2008)	Concentration [%]
2-Phenoxyethanol	122-99-6	Xn; R22 Xi; R36	Acute tox. 4; H302 Eye irrit. 2; H319	0.14 - 0.15 %
Methyl-4-hydroxybenzoate	202-785-7			0.028 – 0.035 %
Ethyl-4-hydroxybenzoate	204-399-4			0.007 – 0.009 %
Propyl-4-hydroxybenzoate	202-307-7			0.003 – 0.005 %

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Butyl-4-hydroxybenzoate	202-318-7			0.007 – 0.009 %
Isobutyl-4-hydroxybenzoate	224-208-8			0.003 – 0.005 %

04. First aid measures

After inhalation

In case of complaints subsequent to vapour inhalation or vapour/aerosol inhalation, (in case of fire):
Have patient breathe in fresh air. In case of malaise, consult doctor.

After contact with the skin

Wash off using soap and water.
In case of skin irritation, consult doctor.

After eye contact

Rinse out eyes immediately with the eyelids open.
In case of prolonged irritation, consult doctor.

After swallowing

Do not provoke vomiting. Provide water to drink.
In case of malaise, consult doctor.

05. Fire-fighting measures

Suitable extinguishing agents

Water, extinguishing powder, foam, carbon dioxide (CO₂)

Unsuitable extinguishing agents

Strong water jets

Particular hazards caused by the material of the preparation itself, its combustion products or the gases produced

The hazard generated is dependent on the substances burning and the fire conditions.

Special protective equipment for fire-fighting measures

Wear a respiratory protection device which is independent of the ambient air, and wear a full-protection suit

06. Measures in case of inadvertent release

Personal precautionary measures

Particular risk of slipping on leaked/spilled product

Environmental protection measures

Avoid contamination of the ground, groundwater and natural waterways.

Procedures for cleaning / absorption

Absorb using fluid-binding material (sand, diatomaceous earth, acidic binding agents, universal binding agents, sawdust etc.)

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07. Handling and storage

Guidelines on safe handling

Handle with care and prudence.

Information on the storage conditions

Store containers tightly closed in a dry, dark location. Do not expose to direct sunlight.
Storage between 0°C and 25 °C

Requirements on storage rooms and containers

No particular requirements.

08. Limitation and monitoring of exposure / personal protective equipment

Personal protective equipment

General protection and hygiene measures
The usual precautionary measures when handling chemicals must be observed.

Hand protection

Not required.

Eye protection

Not required

Body protection

Standard work clothing

09. Physical and chemical characteristics

Appearance

Physical state: Gel
Colour : Colourless or dyed (blue)
Odour : Odourless

Safety-relevant data

Risk of explosion: The product is not explosive
Vapour pressure :
Density : 1.002 g/cm³ at room temperature
Water solubility: Completely miscible
pH value 5 – 6.5
Boiling point/range: > 100 °C
Flame point : Not applicable
Ignition temperature : The product is not spontaneously inflammable

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10. Stability and reactivity

Conditions to be avoided

Protect against humidity. Avoid sources of heat.

Substances to be avoided

Salts reduce the viscosity. Strong oxidising agent.

Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information

Toxicological examinations

Practically non-toxic

Practical experience

Skin irritation possible.
Sensitisation through skin contact is not likely.

12. Environment-related information

Persistence and degradability

The preparation is biologically degradable.

Bioaccumulation potential

Bioaccumulation is not to be expected.

13. Guidelines on disposal

Recommendation

Dispose of with household waste.
Can be deposited under observation of the local official regulations or incinerated in suitable incineration plants.

Packaging

Contaminated packaging

Add the appropriate collection systems for paper/cardboard.

14. Information on transport

Not a hazardous material in terms of the transport regulations.

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15. Legal regulations

Chemical safety assessment

No chemical safety assessment has been conducted for the preparation.

Classification acc. EC Directive 67/548/EEC or Directive 1999/45/EC:

Classification acc. Ordinance (EC) No. 1272/2008 [CLP]:

Labelling not required.

16. Other information

The information is based on our current status of knowledge at the time; it does not however represent a guarantee for product characteristics, and cannot be used as the basis for a contractual legal relationship.
