

1. Identification of substance

1.1 Trade name

Baehr Spraylösung with Alcohol

1.2 Manufacturer/Supplier

Company name: Gustav Baehr GmbH
Adress: Max-Eyth-Straße 39
D-71332 Waiblingen

Phone: 0049 (0) 7151 – 95902-44
Telefax: 0049 (0) 7151 – 95902-62

2. Hazards identification

Labelling according to GHS:

Flammable liquids Category 3

3. Composition/Data on components:

Chemical characterization: Aqueous, alcoholic formulation with lemon oil

Dangerous Ingredients:

Ethanol; CAS 64-17-5; INDEX-Nummer : 603-002-00-5
Volume fraction: 25 - 50 vol.-%
Classification 67/548/EWG: F; R11
Classification GHS: Flammable liquids, Category 2; H225

Material Safety Data Sheet
According to (EG) 1907/2006 (REACH)
Baehr Spraylösung with Alcohol

Citronenöl/Lemon oil; CAS 8008-56-8

Mass content: 0,1 – 0,3 %

Classification 67/548/EWG: Xn; N

Classification GHS: Flammable liquids Category 3; H226
Acute toxicity, Category 4; H304
Irritant effect on skin, category 2, H315
Skin sensitization, Category 1; H317
Aquatic environment, acute category 1; H400
Aquatic environment, chronic category 1; H410

4. First aid measures

General information

Instantly remove any clothing soiled by the product.

No special measures required.

After inhalation

Seek medical treatment in case of complaints. Supply fresh air.

After skin contact

The product is not skin irritating.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing

Do not induce vomiting; instantly call for medical help.

Rinse out mouth and then drink plenty of water.

5. Fire fighting measures

Suitable extinguishing agents

CO₂, extinguishing powder, alcohol-resistant foam, water jet

For safety reasons unsuitable extinguishing agents:

Strong water jet

Special protective equipment for fire-fighters:

Use self-contained breathing apparatus.

6. Accidental release measures

Hand Protection

Wearing protective gloves is recommended.

Measures for cleaning / collecting:

Remove spilled material with a cloth. Remove the remainder with plenty of water using a cleaning agent.

Disposal:

Do not discharge into drains, surface water and ground water. Inform responsible authorities after accidental units larger quantities. Soak up with inert absorbent material. The recorded material disposed of properly.

7. Handling and storage

7.1 Handling

Keep container tightly closed. If empty or closed in the work Close container after use.
Take precautionary measures against static discharges.

Information about protection against explosions and fires:

From sources of ignition, do not smoke away. Vapors may form an explosive mixture with air.

7.2 Storage

Keep container tightly closed. Store away from oxidizing agents. Provide good room ventilation even at ground level (vapors are heavier than air). Protect from direct sunlight. Protect from heat / overheating.

8. Exposure controls and personal protection

8.1 Expositionsgrenzwerte

Components with critical values that require monitoring at the workplace

TRGS 900, Arbeitsplatzgrenzwerte

CAS 64-17-5 Ethanol	960 mg/m ³ ; 500 ml/m ³ 2(II); DFG
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8.2 Personal protective equipment

Solvent resistant gloves and tight fitting goggles.

9. Physical and chemical properties

Form:		Liquid
Color:		clear
Odour:	a	lemon oil
Flash Point:		>23°C
Density 20 °C:		0,96 g/ml
Solubility in		
Water:		soluble
Viscosity:		dünnflüssig

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:

Sparks, flames, statistical silting.

Dangerous reactions Reacts with strong oxidizing agents

Dangerous products of composition:

No dangerous decomposition products known

11. Toxicological information

CAS 64-17-5, Ethanol

Oral LD50 7060 mg/kg (Rat)

12. Ecological information

Drug solution: Class 1 (weakly water polluting)

Classification according toVwVwS

Ethanol	LC 50 Fish (96 h)	LC 50 crustaceans (48 h)	EC 50 crustaceans (48 h)
Minimum value:	42 mg/l	3720 mg /l	2 mg/l
Maximum value:	14200 mg/l	20700 mg/l	17500 mg/l
Median value:	11000 mg/l	9280 mg/l	9950 mg/l
Number of studies:	5	20	4

Quelle: Gestis-Stoffdatenbank

13. Disposal considerations

Product:

recommendation:

Transferred to special waste or together with household waste collection point.
Must not be disposed together with household garbage. Not in the
Sewerage system.

Contaminated packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent:

Water, if necessary together with cleansing agents.

14. Transport Information

Landtransport ADR/RID and GGVS/GGVE:

ADR/RID-GGVS/E Class : 3 (F1) Flammable liquids
Kemler-Number: 30
UN-Number: 1170
Packing group: III
Label: 3
SHIPPING NAME: UN 1170 Ethanol, Lösung
Tunnel restriction code: 3D/E
Limited quantity: 5 L

15. Regulatory information

Labelling according to GHS:

Flammable liquids Category 3



Signal word: **Achtung**

H- phrases:

H 226: Flammable liquid and vapour.

P- phrases:

P102: Keep out of reach of children.

P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P233: Keep container tightly closed.

P260: Do not breathe gas/mist/vapours/spray.

P403+P235: Store in a well-ventilated place. Keep cool.

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

16. Other Information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

R-and H-phrases in section 3

- R11 Highly flammable
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.