

MATERIAL SAFETY DATA SHEET

According to EC Directive 2001/58/EC

1. Identification of the Substances or Preparation and of the Company

1.1 Identification of preparation: **Liqua Gel**

1.1.2 Date of Revision: July 15, 2008

1.1.3 Use of preparation: Cleaning Agent

1.2 Company identification:

Chemspec Europe

Unit 36C, Tong Park

Otley Road, Baildon

West Yorkshire BD17 7QD UK

Tel: 01274 597333

Fax: 01274 597444

1.3 Emergency telephone number, official advisory bodies:

1.3.1 For medical emergency call Chemtrec at 00-1-703 527-3887.

2. Composition/Information on Ingredients

2.1 Chemical Description: Citrus Terpenes, Thickener

2.2 Hazardous Ingredients:

Chemical Name	%	CAS-No.	EC#	Hazard Symbol	R-Phrases
Citrus Terpenes	>90	94266-47-4	3044543	F, Xn	10,65

3. Possible Hazards

3.1 For humans: May be irritating to eyes and skin. Harmful if ingested.

3.2 For environment: None known.

4. First Aid Measures

4.1 Inhalation: Remove to fresh air. If symptoms persist consult physician.

4.2 Eye contact: Flush with water for at least 15 minutes.

4.3 Skin contact: Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing.

4.4 Ingestion: Drink plenty of water. Consult physician.

4.5 Physician: Treatment based on judgment of attending physician.

5. Fire Fighting Measures

5.1 Suitable extinguishing media: Water, Carbon dioxide, foam.

5.2 Unsuitable extinguishing media: None known.

5.3 Special exposure hazards: Possibly oxides of carbon and nitrogen, aldehydes, ketones, and other unidentified compounds.

5.4 Special safety equipment: Self-contained positive pressure breathing apparatus and protective clothing.

6. **Accidental Release Measures**

- 6.1 Personal precautions: Prevent eye and skin contact.
- 6.2 Environmental precautions: Dispose of according to local regulations.
- 6.3 Methods of cleaning up: Use absorbent material to soak up spills. Sweep up and dispose of according to local regulations.

7. **Handling and Storage**

- 7.1 Handling: Prevent eye and skin contact.
- 7.2.1 Storage: Keep container closed to avoid contamination.
- 7.2.2 Incompatible storage: None.
- 7.2.3 Other: None known.

8. **Exposure Controls/Personal Protection**

- Please use common sense when handling this product.
- 8.1 Respiratory protection: Use local exhaust or dilution ventilation.
- 8.2 Hand protection: Gloves recommended.
- 8.3 Eye protection: Safety glasses recommended.
- 8.4 Skin protection: Use body covered clothing.
- 8.5 Working hygiene: Take usual precautions when handling.

9. **Physical and Chemical Properties**

- 9.1.1 Appearance: Gel
- 9.1.2 Color: Colorless to slight yellow
- 9.1.3 Odor: Citrus
- 9.2 pH: n. ap.
- 9.3 Boiling point/boiling range: n. av.
- 9.4 Specific Gravity: 0.85
- 9.5 Wt/Gal: 7.1
- 9.6 Solubility in water: Insoluble
- 9.7 % VOC: 94%, citrus terpenes
- 9.8 Flash point: 115 deg. F
- 9.9 Inflammation: n. av.

10. **Stability and Reactivity**

- 10.1 Conditions to avoid: Sources of ignition.
- 10.2 Materials to avoid: Strong oxidizing agents.
- 10.3 Hazardous decomposition of materials: See point 5.3.

11. **Toxicological Information**

- 11.1 Acute toxicity: n. av.
- 11.2 Acute oral toxicity: LD50 rat: n. av.
- 11.3 Chronic effects: n. av.
- 11.4 Sensitization: n. av.
- 11.5 Carcinogenicity: n. ap.
- 11.6 Mutagenicity: n. av.
- 11.7 Reproductive toxicity: n. av.

11.8 Narcotic effects: n. av.

12. **Ecological Information**

12.1 Water-Hazard class: None (U.S.)

12.2 Biodegradability: Biodegradable

12.3 Bio-accumulation: n. av.

12.4 Aquatic toxicity: n. av.

12.5 Other relevant ecological information: Small quantities considered to be harmless.

13. **Disposal**

13.1 Refer to local regulations.

14. **Transport Information**

14.1 Ground:

Combustible Liquid, n.o.s., (Contains D-Limonene), Class 3, UN 1993, PG III.

14.2 Maritime:

Combustible Liquid, n.o.s. (Contains D-Limonene), Class 3, UN 1993, PG III.

14.3 Air:

Do not ship.

14.4 Other: Packaging exemptions may apply.

15. **Regulations**

15.1 Symbol: Xn: Harmful, F: Flammable



15.2 R-Sentences:

R10: Flammable

R65: Harmful: May cause lung damage if swallowed

15.3 S-Sentences:

S2: Keep out of reach of children.

S16: Keep away from sources of ignition.

S24: Avoid contact with skin.

S25: Avoid contact with eyes.

16. **Other Information**

DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or

implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.

n.ap = not applicable

n.av = not available