



SAFETY DATA SHEET LIQUAGEL-50

Section 1: Identification of the Substance and of the Company

1.1 Product Identifier:

Product Name: Liquagel-50
Synonyms: Liquid Gelatin
CAS Number: 9000-70-8 (Gelatin)

1.2 Relevant Identified uses of the Substance and Uses Advised Against:

Relevant Identified Uses: Clarifying wines and musts.

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier: ATPGROUP
2 Madison Ave.
Larchmont, NY 10538 USA
Telephone: 914-834-1881
Fax: 914-834-4611
www.atpgroup.com

1.4 Emergency Telephone Number

Telephone 800-424-9300 – CHEMTREC (24/7) – within USA & Canada
+1 703-527-3887 – CHEMTREC (24/7) – International & Maritime
914-834-1881 – ATPGROUP

Section 2: Hazards Identification

2.1 Classification of the Substance:

The Liquagel-50 is not classified as hazardous under the provisions of Directives 67/548/EEC and 1999/45/CD and/or Regulation EC 1272/2008 (CLP) and subsequent amendments and adjustments

2.2 Label Elements:

According to EC REG. No. 1272/2008

Hazard Pictogram: None

Signal Word: None

Hazard Statements: None

Precautionary Statements: None

2.3 Other Hazards:

No information on other hazards.

Section 3: Composition/Information on Ingredients

3.1 Substances

Chemical Name:	Gelatin
CAS Number:	9000-70-8
Other Information:	Concentration 45 – 55%
Chemical Name:	Sulphur Dioxide
CAS Number:	7446-09-5
Other Information:	Concentration ~ 0.5% in relation to the dry product
Chemical Name:	Citric Acid
CAS Number:	77-92-9
Other Information:	Concentration ~ 0.5% in relation to the dry product
Chemical Name:	Water
CAS Number:	7732-18-5
Other Information:	Concentration: 45 – 55%

Section 4: First Aid Measures

4.1 Description of First Aid

Skin Contact: Wash thoroughly with soap and water

Eye Contact: Immediately rinse with plenty of water for at least 10 minutes

Ingestion: Not hazardous. Medical intervention may be necessary if any problems persist.



Inhalation: Ventilate the area. Immediately move the patient to a well ventilated area. If you feel unwell seek medical advice.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

No data available

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

In case of doubt seek medical advice

Section 5: Fire-fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide.

Unsuitable Extinguishing Media for Safety Concerns: No data available

5.2 Special Hazards Arising from the Substance

Fire: None

Explosion: None

Other: Avoid breathing smoke if involved in fire. After evaporation of all the water (minimum 45% of the total), it can produce a dense and acrid smoke containing carbon monoxide.

5.3 Advice for Firefighters

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Non-Emergency Personnel: move away from the area surrounding the spill or release. No smoking. Wear appropriate protective equipment (see section 8).

Emergency Personnel: ventilate area, wear appropriate protective equipment (see section 8), avoid contact with eyes. Evacuate the danger area and, if necessary, consult an expert.

6.2 Environmental Precautions

Collect the product and wash the soiled area with water to normal sewage outlet (product is



biodegradable). Dispose of waste in compliance with current local regulation.

6.3 Methods and Material for Containment and Cleaning Up

Collect the spilled material in appropriate containers for reclamation or disposal in accordance with local rules. Flush area with water (hot water if it is available).

6.4 Reference to Other Sections

See Section 8 or 13

Section 7: Handling and Storage

7.1 Precautions for Safe Handling

Follow appropriate Good Manufacturing Practices. Avoid contact, inhalation, and ingestion. See also section 8.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep in a tightly closed container. Do not store in unlabeled containers. Protect from physical damage. Store in a cool (5 - 35° C), dry, ventilated area away from sources of heat/ignition, moisture, direct sunlight, extreme cold, and incompatibilities. Containers of this material may be hazardous when empty since they retain product residues; observe all warnings and precautions listed for the product.

7.3 Specific End Uses

See 1.2

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Avoid vapor formation due to overheating

8.2 Exposure Controls

Appropriate Engineering Controls: Provide ventilation system; in general dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Personal Protective Equipment (PPE):

Personal Respirators (NIOSH Approved): Recommended

Skin Protection: Not needed for normal use.

Eye Protection: Use chemical safety goggles with side shields (ref. EN 166). Maintain eye wash fountain and quick-drench facilities in work area.

Hygiene Measures: Handle with accordance with good industrial hygiene and safety practice. Wash your hands before breaks and at the end of the workday. Keep away from food and drink. Wash work clothing and PPE periodically to remove contaminants.

Section 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance: Liquid, yellow-brown viscous

Odor: Typical

Odor Threshold: N/A

pH: No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: No data available

Flash Point: No data available

Flammability: Not flammable **Upper Limit:** N/A **Lower Limit:** N/A

Explosive Properties: Not explosive **Upper Limit:** N/A **Lower Limit:** N/A

Auto-Ignition Temperature: 500° C

Decomposition Temperature: 400° C

Partition Coefficient: n-Octanol/water: No data available

Solubility: Soluble

Relative Density: 1.0 – 1.1 g/cm³

Vapor Density (Air=1): No data available

Evaporation Rate (BuAc=1): No data available

Vapor Pressure (mm Hg): No data available

Viscosity: No data available



Section 10: Stability and Reactivity

10.1 Reactivity

Product is not reactive under recommended use and storage.

10.2 Chemical Stability

Stable under ordinary conditions of use and storage

10.3 Possibility of Hazardous Reactions

Reacts with strong acids releasing sulfur dioxide.

10.4 Conditions to Avoid

Heat, flames, ignition sources, and moisture.

10.5 Incompatible Materials

Strong Acids

10.6 Hazardous Decomposition Products

No decomposition when used per manufacturer's instructions.

Section 11: Toxicological Information

11.1 Information on Toxicological Effects

Unless otherwise specified, the data required by Regulation 453/2010 / EC listed below are considered **NOT APPLICABLE (N.A.)**

1. Acute Toxicity
2. Skin Corrosion/Irritation
3. Serious Eye Damage/Irritation
4. Respiratory or Skin Sensitization
5. Germ Cell Mutagenicity
6. Reproductive Toxicity
7. STOT-Single Exposure
8. STOT-Repeated Exposure
9. Aspiration Hazard
10. Information on Likely Routes of Exposure

-----\Cancer Lists\----- ---NTP Carcinogen---			
Ingredient	Known	Anticipated	IARC Category
Liquagel-50	No	No	None

Section 12: Ecological Information

12.1 Toxicity

Non-toxic product

12.2 Persistence and Degradability

Biodegradable product

12.3 Bioaccumulative Potential

Biodegradable product

12.4 Mobility in Soil

Decomposes into fertilizers carbon and nitrogen

12.5 Results of PBT and vPvB Assessment

Not considered to be a PBT or vPvB substance per Regulation (EC) No. 1907/2006, Annex XIII

Section 13: Disposal Considerations

13.1 Waste Treatment Methods

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. Empty containers have to be handled with the same caution as the pure substance.

Section 14: Transport Information

Not regulated. Not a Hazardous Material

Section 15: Regulatory Information

15.1 Standards and legislation, health legislation specific for the substance / mixture

- Regulation 3/2/1997 n. 52 (Classification, packaging and labeling of dangerous substances)
- Regulation 14/3/2003 n. 65 (Classification, packaging and labeling of dangerous substances)
- D.M. 26/02/2004 work (occupational exposure limits)
- D.M. 03/04/2007 (Implementation of Directive no. 2006/8 / EC)



- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EC) No. 790/2009 (ATP1 CLP)
- Regulation (EU) No. 453/2010 (Annex I)
- Regulation (EU) No. 286/2011 (ATP 2 CLP)
- Restrictions related to the product or contained substances pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH) and subsequent amendments

Where applicable, refer to the following regulations:

- Regulation September 21, 2005 n. 238 (Seveso Directive Ter)
- Regulation EC No. 648/2004 (detergents).
- Decree 9 January 1927, n. 147 (Toxic Gas)
- D.L. 3/4/2006 n. 152 Environmental Regulations.

Section 16: Other Information

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