

MATERIAL SAFETY DATA SHEET

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Established on: Jul 29 1994
Revised on: Jan 30 2013

GELITA Gelatine

1. PRODUCT AND COMPANY IDENTIFICATION

General Information

Trade Name: GELITA Gelatine
Manufacturer/Supplier: Manufacturer:
GELITA USA Inc.
2445 Port Neal Industrial Road 10 Wentworth Ave
Sergeant Bluff, IA 51054 Calumet City, IL 60409
General Information: Phone: 712-943-5516 708-891-8400 ext. 31
Fax: 712-943-3372
Emergency: Phone: 712-943-5516

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Non-Hazardous Ingredients Gelatine is not considered to be hazardous under Federal Hazard Communication Standard (29CFR 1910-1200)
Gelatine is a food.
Gelatine is Generally Regarded as Safe (GRAS)
CAS-number 9000-70-8
Composition ≤15% water
Trade Name: GELITA Gelatine

3. HAZARDS IDENTIFICATION

Acute Toxicity: Gelatine 9000-70-8 – Oral LD50>5000 mg/kg (Rat).
Practical Experience: No hazards to be expected.
Carcinogenicity: GRAS food ingredient with no carcinogenicity known
Health Hazard, Acute: Not applicable
Health Hazard, Chronic: Not applicable
Signs and Symptoms of Exposure: None known
Medical Conditions Generally Aggravated by Exposure: None known

4. FIRST AID MEASURES

General Information: No special measures required.
Inhalation: Remove to fresh air, drink water to clear throat and blow nose to evacuate dust
Skin Contact: Wash with warm water.
Eye Contact: Flush the eyes with water until irritation subsides.
Ingestion: Gelatine is a food ingredient, no detrimental effect is expected
Emergency First Aid Procedures: Seek Medical assistance for further treatment, observation and support if necessary.

5. FIRE AND EXPLOSION DATA

Flash Point and Method Used: Non-flammable
Suitable fire extinguisher: Standard agents: Water fog, foam, alcohol foam, CO₂, dry chemicals.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards for gelatin dust in air:
Hazard Classification: St-1
Relative Explosion Hazard: Moderate
Explosion Severity: Less than 0.8
Additional fire-fighting information: No special requirements.

6. ACCIDENTAL RELEASE MEASURES

Steps to be Taken in case Material is Spilled or Released: Sweep up
Waste Disposal Methods: Non-hazardous; bio-degradable
Other Precautions and / or Special Hazards: None known
NFPA Rating: Health = 0, Flammability = 0, Reactivity = 0
HMIS Rating: Health = 0, Flammability = 0, Reactivity = 0, Personal Protection = X

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7. HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition.

Storage: Keep containers tightly closed and protected from moisture, high humidity and chemical vapors.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

Respiratory Protection: None required.
Eye Protection: Protective glasses are recommended.
Skin Protection: None required
Ventilation to be Used: Not applicable
Other Protective Clothing and Equipment: None required
Hygienic Work Practices: Good Manufacturing Practices

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Decomposes above 100°C; Complete combustion above 500°C
Specific Gravity(H₂O =1) 1.2
Solubility in Water: Soluble in water
Appearance and Odor: Pale yellow to amber granules/ powder, free from disagreeable odor.

10. STABILITY AND REACTIVITY DATA

Stability: The product is stable
Instability Temperature: Not available
Conditions of instability: Excess heat
Other Precautions and / or Special Hazards: None known
Hazardous Products of Decomposition: None known
Materials to avoid: None known

11. TOXICOLOGICAL INFORMATION

Primary Routes of Entry: Ingestion
Toxicity to animals: None known
Chronic effects on humans: GRAS food ingredient, none known
Practical experience: No hazards to be expected

12. ECOLOGICAL INFORMATION

Ecological Toxicity:

Fish Toxicity: No data available
Aquatic Invertebrates: No data available
Aquatic Plants: No data available

Persistence and Degradability: This product is completely degradable
Bio accumulation potential: No data available

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose according to local, state, and federal regulatory guidelines.

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14. TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States)
Identification: Not Applicable
Special Provisions for Transport: Not Applicable

15. REGULATORY INFORMATION

Federal & State Regulations: TSCA 8(b) inventory: Gelatin Powder
EINECS # 232-554-6: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications: WHIMIS (Canada): Not controlled under WHIMIS
DSCCL (EEC) This product is not classified according to the EU regulations.
HMIS (USA) Health = 0, Flammability = 0, Reactivity = 0, Personal Protection = X
NFPA (USA) Health = 0, Flammability = 0, Reactivity = 0

16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall GELITA be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if GELITA has been advised of the possibility of such damages.