

GPC Material Safety Data Sheet

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Hazard Rating: Fire: 0 4 = Extreme
Toxicity: 0 3 = High
Reactivity: 0 2 = Moderate
1 = Slight
0 = Insignificant

1. Identification: Semi-synthetic Lecithin

Trade Name: GPC
Chemical Name: L- α -Glycerophosphorylcholine
CAS-No: 28319-77-9
Chemical Family: Phospholipid Semi-synthetic lecithin
Structure: Crystals
Formula: Glycerophosphatidylcholine
Origin: Lecithin derived from soybeans (Food grade material, GRAS)

2. Ingredients

Paints: None
Preservatives: None
Pigments: None
Catalyst: None
Vehicle: None
Solvents: None
Additives: None
Others: None

3. Physical Data

Boiling Point: None
Specific Gravity: None
Vapor Pressure: None
% Volatile by Volume: None
Density: Approximately 1.0 g/cm³ (20°C)
pH value: Max. 9
Appearance: Crystals
Solubility in water: May be diluted with water
Odor: Neutral

TECHNICAL DATA

4. Fire & Explosion Hazard Data

Flash Point: N/A
Methods Used: N/A
Flammable Limits: N/A
Extinguishing Media: Water Fog
Foam
Alcohol Foam
Carbon Dioxide
Dry Chemical
Fire Fighting Procedure: Usual
Fire Fighting Equipment: Usual
Unusual Fire & Explosion Hazards: None

5. Reactivity Data

Stability: Dry & light protected storage
Stable under normal usage
Material is highly hygroscopic
Incompatibility: None
Hazardous Decomposition Products: None
Hazardous Polymerization: None

6. Health Hazard Data

Eye Contact: Harmless
Skin Contact: Harmless
Ingestion: Harmless (Pharmaceutical grade)
Inhalation: Harmless
Overexposure: None

7. First Aid

Eyes: None
Skin: None
Ingestion: None
Inhalation: None

Note to physician: Treatment should be based on the judgment of the physician in response to the reactions of the patient.

8. Spill or Leak Procedures

Action to take for Spill/Leak: Non hazardous, normal waste.
Flush with water to the sewer.
Disposal Method: Material is biodegradable. Dispose of in accordance with federal, state, and local regulations.
Flush with water into the sewage system.

TECHNICAL DATA

9. Handling Precautions

Exposure Guidelines:	None established
Ventilation:	Not Required
Respiratory Protection:	No special protection required
Skin Protection:	Not necessary
Protection Gloves:	None
Eye Protection:	Not Necessary
Other Protective Equipment:	None during normal handling of the product.

10. Additional Information

Special precautions to be taken in handling and storage: Store in a clean, cool, dry place at room temperature.

Other Precautions: None

*The information herein is given in good faith, but no warranty, expressed or implied, is made. Consult Phospholipid GmbH for further information.