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
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.
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.