

GPC

MATERIAL SAFETY DATA SHEET

1. Identification of the substance/preparation and company

Trade name - GPC

Company

Phospholipid GmbH
 Nattermannallee 1
 D-50829 Köln
 Germany
 Tel: 49 221 987 46 2239

Fax: 49 221 987 46 216

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

2. 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)

3. Ingredients

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

4. Physical Data

Boiling Point:	None
Specific Gravity:	None
Vapor Pressure:	None
% Volatile by Volume:	None
Density:	Approximately 1.0 g/cm ³ (20°C)
pH value:	Max. 9
Appearance:	Crystals
Solubility in water:	May be diluted with water
Odor:	Neutral



TECHNICAL DATA

5. 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

6. Reactivity Data

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

7. Health Hazard Data

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

8. 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.

9. 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.

10. Handling Precautions

Exposure Guidelines:	None established
Ventilation:	Not Required
Respiratory Protection:	No special protection required
Skin Protection:	Not necessary
Protection Gloves:	None



TECHNICAL DATA

Eye Protection:
Other Protective Equipment:

Not Necessary
None during normal handling of the product.

11. Additional Information

Special precautions to be taken
in handling and storage:
Other Precautions:

Store in a clean, cool, dry place at room temperature
None

All data and recommendations as well as formulation made herein are based on our present state of knowledge. We disclaim all liability on risks or formula that may result from the use of our products, including improper and illicit use.

2/14/06