



Material Safety Data Sheet (MSDS)

1. IDENTIFICATION

Product name: Alpha GPC 50% Powder

CAS-No.: 28319-77-9

EC-No.: 248-962-2

RTECS number: KH2775000

2. HAZARDS DENTIFICATION

Hazard description: not applicable

Information pertaining to particular dangers for man and environment: not applicable

Classification system: The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name: L- α -Glycerophosphocholine (α - GPC)

Molecular formula: $C_8H_{20}NO_6P$

Molecular weight: 257.22

Chemical characterization: White crystalline powder

Description: Powder

GPC: 50%

Dangerous components: No.

4. FIRST AID MEASURES

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist to consult with doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing agents: CO_2 , extinguishing powder or water spray. Fight larger fires with water spray of alcohol resistant foam.

Protective equipment: No special measures required.



6. ACCIDENTAL RELEASE MEASURES

Measures for environmental protection: No special measures required.

Measures for cleaning/collection: Pick up mechanically avoiding causing a stir.

Additional information: No dangerous substances are released.

7. HANDLING AND STORAGE

Information for safe handling: No any effect.

Information about protection against explosions and fires: No special measures required. · Storage: Keep in a cool and dry place, away from light. Metal containers are not used.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

Storage class: No special requirement.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see item 7.

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Addition information: Personal protective equipment: No requirement.

Breathing equipment: Common mask.

Protection of hands: Not required.

Eye protection: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder

Odor: Characteristic odor.

GPC: 50%

Moisture: No more than 3 %

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous products of decomposition: No dangerous decomposition products known.



11. TOXICOLOGICAL INFORMATION

Acute toxicity: None.

Primary irritant effect: A little bitter.

On the skin: No irritant effect on the skin. The inhalation of powder can irritate the respiratory tract.

On the eye: No irritant effect.

Sensitization: No sensitizing effects known.

Additional toxicological information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines of preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

General notes: Not known to be hazardous to water.

13. DISPOSAL CONSIDERATIONS

Disposal Recommendations: Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

Regulatory Requirements: Observe all local and national regulations when disposing of this material.

14. TRANSPORT INFORMATION

ADR/RID class: By car or by air

15. REGULATORY INFORMATION

None.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.