



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Alpha-GPC 50% Powder

30-4863

Section 1: Identification

Product Name Alpha-GPC 50% Powder

Commercial Name N/A

Product Use N/A

Restrictions On Use N/A

Product Code 30-4863

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available.

CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available

Response Not available

Storage Not available

Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Mixture

Components Alpha Size 50WSP , Mannitol, Silicon Dioxide

% By Weight N/A

CAS# 28319-77-9

Molecular Weight 257.22

Chemical Formula C₈H₂₀NO₆P

Synonym(s) Glycerylphosphorylcholine 50 50%, Alfa GPC 50%, FV5005

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Alpha Size 50WSP	N/A	50-52	N/A	N/A
Mannitol	N/A	47-49.5	N/A	N/A
Silicon Dioxide	N/A	0.5-1	N/A	N/A

Section 4: First-Aid Measures

Inhalation	Remove from exposure. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Skin Contact	Immediately wash with soap and copious amount of water
Eye Contact	Immediately flush with copious amounts of water for at least 15 minutes
Ingestion	Wash out mouth with water. Provided person is conscious
Symptoms/Effects	
Acute	N/A
Delayed	N/A

Immediate Medical Attention

If irritation persists or signs of toxicity/hypersensitivity reaction occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Use water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials

Unsuitable Extinguishing Media

N/A

Products of Combustion

N/A

Firefighters Special Equipment and Precautions

As with all fire, evacuate personnel to safe area. Fire fighters should use self contained breathing equipment and protective clothing.

Section 6: Accidental Release Measures

Refer to section 7 and 8 before handling the product. Recover product and place in appropriate container for disposal. Ventilate and wash area

Section 7: Handling and Storage

Handling: Do not breath dust. Avoid prolonged or repeated exposure. Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reuse. Storage: Store in original container tightly closed in a cool (15-25C) dry place out of direct action of light. Provide for good ventilation of the room.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	N/A
Engineering Controls	N/A
Personal Protection	Approved respirators, chemical resistant gloves, safety goggles, protective clothing Do not eat, drink or smoke at work. wash thoroughly after handling This material is a chemical/active drug substance. Standard good laboratory safety procedures and good manufacturing practices should be followed when handling this substance

Section 9: Physical and Chemical Properties

Appearance	Powder, white to off white		
Odor	Characteristic		
Odor Threshold	N/A		
Melting Point	N/A	pH	N/A
Freezing Point	N/A	Vapor Pressure	N/A
Boiling Point/Range	N/A	Vapor Density	N/A
Decomposition temperature	N/A	Viscosity	N/A
Partition Coefficient: n-octanol/water	N/A	Evaporation Rate	N/A
Flash Point	N/A	Autoignition temperature	N/A
Flammability	N/A	Flammability or Explosive Limits:	
		Lower	N/A
		Upper	N/A
Solubility(ies)	Soluble in water and methanol.		
Other	N/A		

Section 10: Stability and Reactivity

Reactivity	N/A
Chemical Stability	Stable under normal use condition
Hazardous Polymerization	N/A
Conditions to Avoid	Light, air, moist and excessive heat
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	When heated to decomposition it emits toxic fumes of CO, CO ₂ , NO _x , PO _x

Section 11: Toxicological Information

RTECS No data available

Acute Toxicity

AlphaSize Acute toxicity assessed in mice, rats and dogs, both by oral and parenteral route, was very low. In no species could the oral LD₅₀ be evaluated. Sublethal doses in rodents and dogs (10 g/Kg and 3 g/Kg respectively) were found to be 584 and 175 times greater, respectively, than the predicted therapeutic daily dosage for a 70 Kg man. AlphaSize did not affect mating behaviour, fertility or performance in the tested animals. AlphaSize is not teratogenic in rats or rabbits. Results obtained using experimental procedures both "in vivo" and "in vitro" clearly indicate that AlphaSize is void of any mutagenic activity. In conclusion Alphasize has a very low experimental toxicity and, therefore, is expected to be well-tolerated in humans. - Mannitol Acute toxicity: LD₅₀ oral rat : 13500 mg/kg - No toxic

Skin Corrosion/Irritation

No data available

Serious Eye Damage/Irritation

No data available

Respiratory or Skin Sensitization

No data available

Germ Cell Mutagenicity

No data available

Carcinogenicity

No data available



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Reproductive Toxicity

No data available

Routes of Entry

No data available

Symptoms Related to Exposure

No data available

Potential Health Effects

No data available

Target Organ(s) No data available

Section 12: Ecological Information

Ecotoxicity

No data available

Persistence and Degradability

No data available

Bioaccumulative Potential

No data available

Mobility in Soil

No data available

Other Adverse Effects

No data available

Section 13: Disposal Considerations

Waste Disposal

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local laws

Disposal of Container

No data available

Other Considerations

No data available

Section 14: Transport Information

DOT Classification

Class RID-ADR-IMO-IATA:Not hazardous

Section 15: Regulatory Information

Regulations

Labelling according to EEC Directive: Not classified Name: AlphaSize 50WSP Symbol:Not applicable Classification:Not applicable
R-phrases: Not applicable S-phrases:22-Do not breathe dust 24-25-Avoid contact with skin and eyes

Other

No data available

Section 16: Other Information

No data available