Safety Data Sheet

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

Section 1: Identification

Product Name Phosphatidylcholine
Commercial Name N/A
Product Use Pharmaceuticals, cosmetics, personal care products and dietetic products
Restrictions On Use N/A

Product Code 30-3307

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: CFR 1910.1200 Not available.

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 Phosphatidylcholines, soya, Ascorbyl Palmitate, Alpha-Tocopherol
% By Weight N/A
CAS# 97281-47-5, 137-66-6
Molecular Weight Not available.
Chemical Formula C26H52NO7P
Synonym(s) Not available.

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Phosphatidylcholines, soya	97281-47-5	100		
Ascorbyl Palmitate	137-66-6	N/A		
Alpha-Tocopherol	10191-41-0	N/A		

Section 4: First-Aid Measures

Inhalation Supply fresh air; consult doctor in case of symptoms.
Skin Contact Instantly wash with water and soap and rinse thoroughly.
Eye Contact Rinse opened eye for several minutes under running water.
Ingestion In case of persistent symptoms consult doctor.
Symptoms/Effects
Acute Not available.
Delayed Not available.
Immediate Medical Attention
Not available.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media
Use fire fighting measures that suit the environment. CO2, sand, extinguishing powder.

Unsuitable Extinguishing Media
Water.

Products of Combustion
Not available.

Firefighters Special Equipment and Precautions
Wear full protective suit.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Product forms slippery surface when combined with water. Keep away from ignition sources Environmental precautions: Do not allow to enter drainage system, surface or ground water. Methods and material for containment and cleaning up: Collect mechanically

Section 7: Handling and Storage

Precautions for safe handling No special measures required. Information about protection against explosions and fires: No special measures required. Conditions for safe storage, including any incompatibilities Storage Requirements to be met by storerooms and containers: No special requirements. Further information about storage conditions: < 8 °C

Section 8: Exposure Controls/Personal Protection

Exposure Limits Not available.
Engineering Controls N/A
Personal Protection General protective and hygienic measures: Wash hands during breaks and at the end of the work. Take off immediately all contaminated clothing Breathing equipment: Not required. Protection of hands:The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. Eye protection: Safety glasses Body protection: Protective work clothing.

Section 9: Physical and Chemical Properties

Appearance	Yellowish solid.
Odor	Characteristic
Odor Threshold	Not available.

Melting Point	Not available.	**pH**	5 - 7
Freezing Point	Not available.	**Vapor Pressure**	Not available.
Boiling Point/Range	Not available.	**Vapor Density**	Not available.
Decomposition temperature	Not available.	**Viscosity**	Not available.
Partition Coefficient: n-octanol/water	Not available.	**Evaporation Rate**	Not available.
Flash Point	N/A	**Autoignition temperature**	Not available.
Flammability	Not available.	**Flammability or Explosive Limits:**	
		Lower	Not available.
		Upper	Not available.

Solubility(ies)	Dispersable.
Other	Not available.

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	To avoid thermal decomposition do not overheat.
Hazardous Polymerization	Not available.
Conditions to Avoid	Not available.
Incompatible Materials	Not available.
Hazardous Decomposition Products	Carbon monooxide Carbon dioxide

Section 11: Toxicological Information

RTECS Not available.

Acute Toxicity
Based on available data, the classification criteria are not met.

Skin Corrosion/Irritation
Not available.

Serious Eye Damage/Irritation
Not available.

Respiratory or Skin Sensitization
Not available.

Germ Cell Mutagenicity
Not available.

Carcinogenicity
Not available.

Reproductive Toxicity
Not available.

Routes of Entry
Not available.

Symptoms Related to Exposure
Not available.

Potential Health Effects
Not available.

Target Organ(s) Not available.

Section 12: Ecological Information

Ecotoxicity
Not available.

Persistance and Degradability
biodegradable

Bioaccumulative Potential
Not available.

Mobility in Soil
Not available.

Other Adverse Effects
Not available.

Section 13: Disposal Considerations

Waste Disposal
Smaller quantities can be disposed with household waste. ? Waste disposal key number: 07 05 14

Disposal of Container
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Other Considerations
Not available.

Section 14: Transport Information

DOT Classification
Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations
Safety, health and environmental regulations/legislation specific for the substance or mixture ? Directive 2012/18/EU ? Named dangerous substances - ANNEX I None of the ingredients is listed. ? National regulations ? Technical instructions (air): Class Share in % NK 0.2 ? Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. ? 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Other
N/A

Section 16: Other Information

The information contained In this safety data sheet to the best of our knowledge corresponds to our findings at the time of printing. The Information Is merely Intended to provide you with indications for safely handling the product named in the safety data sheet In No storage, processing, transport and disposal, and is hence not to be understood as guaranteeing specific properties. The data stated are not transferable to other products. If the product named In this safety data sheet Is mixed, compounded, processed jointly or in combination with other materials or subjected to such processing, the data stated In this safety data sheet are not transferable to the resulting new material, unless the safety data sheet itself expressly states otherwise.