



Safety Data Sheet

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

Base, PCCA Synapsin

30-4969

Section 1: Identification

Product Name Base, PCCA Synapsin
Commercial Name N/A
Product Use Excipient
Restrictions On Use N/A
Product Code 30-4969
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: Eye Irrit. 2 H319
CFR 1910.1200
Signal Word WARNING
Hazard Statement(s) Causes serious eye irritation
Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Wash thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention
Response No data available
Storage No data available
Disposal No data available

Section 3: Composition/Information on Ingredients

Substance/Mixture Mixture
Components Nicotinamide Riboside, .beta.-Cyclodextrin, 2-hydroxypropyl ethers, Oxirane, methyl-, polymer with oxirane
% By Weight Nicotinamide Riboside(50 - 80%),.beta.-Cyclodextrin, 2-hydroxypropyl ethers (1 - 5%), Oxirane, methyl-, polymer with c
CAS# N/A
Molecular Weight N/A
Chemical Formula N/A
Synonym(s) N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
N/A	N/A	N/A	N/A	N/A

Section 4: First-Aid Measures

Inhalation	If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	After contact with skin, wash immediately with plenty of water and soap.
Eye Contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Ingestion	Get immediate medical attention.
Symptoms/Effects	
Acute	Symptoms/injuries after inhalation : May cause respiratory irritation. Symptoms/injuries after skin contact : May cause moderate irritation. Symptoms/injuries after eye contact : Causes serious eye irritation. Symptoms/injuries after ingestion : May be harmful if swallowed.
Delayed	Symptoms/injuries after inhalation : May cause respiratory irritation. Symptoms/injuries after skin contact : May cause moderate irritation. Symptoms/injuries after eye contact : Causes serious eye irritation. Symptoms/injuries after ingestion : May be harmful if swallowed.
Immediate Medical Attention	No additional information available

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media	Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media	None.
Products of Combustion	Fire hazard : None known. Explosion hazard : None known.
Firefighters Special Equipment and Precautions	Firefighters should wear full protective gear.

Section 6: Accidental Release Measures

Prevent entry to sewers and public waters. For containment : Stop the flow of material, if this is without risk. Methods for cleaning up : Collect spilled material and place in sealed containers for reclamation or disposal.

Section 7: Handling and Storage

Precautions for safe handling: No special handling required. Storage conditions: Keep refrigerated.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not applicable
Engineering Controls	General (mechanical) room ventilation is expected to be satisfactory for normal handling.
Personal Protection	Hand protection : None required under normal product handling conditions. Eye protection : None required under normal product handling conditions. Skin and body protection : None required under normal product handling conditions. Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

Section 9: Physical and Chemical Properties

Appearance	Powder, white to off-white		
Odor	Characteristic		
Odor Threshold	No data available		
Melting Point	No data available	pH	No data available
Freezing Point	No data available	Vapor Pressure	No data available
Boiling Point/Range	No data available	Vapor Density	No data available
Decomposition temperature	No data available	Viscosity	No data available
Partition Coefficient: n-octanol/water	No data available	Evaporation Rate	No data available
Flash Point	No data available	Autoignition temperature	No data available
Flammability	No data available	Flammability or Explosive Limits:	
		Lower	No data available
		Upper	No data available
Solubility(ies)	10% insoluble in water		
Other	No data available		

Section 10: Stability and Reactivity

Reactivity	No additional information available
Chemical Stability	The product is stable at normal handling and storage conditions.
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Extremely high or low temperatures.
Incompatible Materials	Not determined.
Hazardous Decomposition Products	Not determined.

Section 11: Toxicological Information

RTECS	No data available
Acute Toxicity	Not classified Oxirane, methyl-, polymer with oxirane (9003-11-6) LD50 oral rat 16 g/kg LC50 inhalation rat (mg/l) 320 mg/m ³ (Exposure time: 4 h)
Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Causes serious eye irritation.
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity	Not classified
Routes of Entry	No data available
Symptoms Related to Exposure	Not classified

Potential Health Effects

Not classified

Target Organ(s) Not classified**Section 12: Ecological Information****Ecotoxicity**

No additional information available

Persistence and Degradability

No additional information available

Bioaccumulative Potential

No additional information available

Mobility in Soil

No additional information available

Other Adverse Effects

Effect on the global warming : No known effects from this product.

Section 13: Disposal Considerations**Waste Disposal**

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposal of Container

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Considerations

No data available

Section 14: Transport Information**DOT Classification**

In accordance with DOT: Not applicable

Section 15: Regulatory Information**Regulations**

.beta.-Cyclodextrin, 2-hydroxypropyl ethers (128446-35-5): Listed on the United States TSCA (Toxic Substances Control Act) inventory; EPA TSCA Regulatory Flag P - P - indicates a commenced PMN substance. Oxirane, methyl-, polymer with oxirane (9003-11-6) Listed on the United States TSCA (Toxic Substances Control Act) inventory; EPA TSCA Regulatory Flag XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

Other

No additional information available

Section 16: Other Information

Full text of H-phrases: Eye Irrit. 2 Serious eye damage/eye irritation Category 2; H319 Causes serious eye irritation;