



Safety Data Sheet

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

Biotin USP (Vitamin H)

30-1323

Section 1: Identification

Product Name Biotin USP (Vitamin H)
Commercial Name Vitamin H
Product Use Laboratory chemicals.
Restrictions On Use Food, drug, pesticide or biocidal product use
Product Code 30-1323
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: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
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 Substance
Components Biotin
% By Weight >95
CAS# 58-85-5
Molecular Weight 244.31g/mole
Chemical Formula C₁₀H₁₆N₂O₃S
Synonym(s) Vitamin H, D-Biotin, BiosII, Vitamin B7, Coenzyme R,

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Biotin	58-85-5	>95	Not available.	Not available.



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Section 4: First-Aid Measures

Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion	Do NOT induce vomiting. Get medical attention.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
Treat symptomatically	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam.

Unsuitable Extinguishing Media

Not available

Products of Combustion

Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Firefighters Special Equipment and Precautions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

Section 6: Accidental Release Measures

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

Environmental Precautions: Should not be released into the environment. See Section 12 for additional Ecological Information.

Methods for Containment and Clean Up: Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

Section 7: Handling and Storage

Handling: Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation. Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep refrigerated. Incompatible Materials. Strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	None under normal use conditions.
Personal Protection	Eye/face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure. Respiratory Protection: No protective equipment is needed under normal use conditions. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Appearance	Off-white solid		
Odor	Odorless.		
Odor Threshold	Not available		
Melting Point	231 - 233 °C / 447.8 - 45	pH	4.5 0.01% aq.sol
Freezing Point	Not available	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available	Vapor Density	negligible
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	Not available	Autoignition temperature	Not available
Flammability	Non flammable.	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Soluble in water		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	Hazardous polymerization does not occur
Conditions to Avoid	Incompatible products. Excess heat. Avoid dust formation
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO ₂), Nitrogen oxides (NO _x)

Section 11: Toxicological Information**RTECS** XJ9088200**Acute Toxicity**

Not available

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

Not available

Reproductive Toxicity

Not available

Routes of Entry

Not available.

Symptoms Related to Exposure

Not available



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Potential Health Effects

Not available

Target Organ(s)

No data available

Section 12: Ecological Information

Ecotoxicity

Do not empty into drains

Persistence and Degradability

Insoluble in water

Bioaccumulative Potential

No data available

Mobility in Soil

Is not likely mobile in the environment due its low water solubility

Other Adverse Effects

Not available

Section 13: Disposal Considerations

Waste Disposal

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information

DOT Classification

DOT: Not regulated

Section 15: Regulatory Information

Regulations

TSCA Inventory notification - Active-Inactive: Active SARA 313 Not applicable SARA 311/312 Hazard Categories See section 2 for more information CWA (Clean Water Act) Not applicable Clean Air Act Not applicable OSHA - Occupational Safety and Health Administration Not applicable CERCLA Not applicable California Proposition 65 This product does not contain any Proposition 65 chemicals. U.S. State Right-to-Know Regulations Not applicable U.S. Department of Transportation Reportable Quantity (RQ): N DOT Marine Pollutant N DOT Severe Marine Pollutant N U.S. Department of Homeland Security This product does not contain any DHS chemicals.

Other

WHMIS Not controlled under WHMIS (Canada). (Canada);DSCL (EEC) This product is not classified according to the EU regulations.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent.;Safety glasses.

Section 16: Other Information

The above information has been collected from third party source and does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.