

Responsible Name **Pierce Administration**

**Section 1. Chemical Product and Company Identification**

Common Name **Biotin-N4-CTP**

Code 89818C

Supplier Pierce Chemical Company

P.O. Box 117  
Rockford, IL 61105  
USA

815.968.0747 or  
1.800.874.3723

In Case of Emergency CALL CHEMTREC:

800.424.9300  
OUTSIDE US:  
202.483.7616

Print Date 12/5/2001

Validation Date **3/6/2001**

MSDS# Not available.

Manufacturer Pierce Milwaukee LLC  
2202 N. Bartlett Avenue  
Milwaukee, WI 53202-1009  
USA  
414.227.3600

**Section 2. Composition and Information on Hazardous (OSHA) Ingredients**

Name	CAS #	% by Weight	Exposure Limits
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No hazardous ingredient according to 29 CFR 1910.1200 Hazard Communication Standard

**Section 3. Hazards Identification**

*Review the most current and approved institutional guideline, protocol, standard operating procedure(s) and MSDS(s) for the proper handling of institutional materials/equipment associated with the use of this Pierce product.*

Emergency Overview No specific hazard.

Routes of Entry Not available.

Potential Acute Health Effects Non-irritant for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-irritant for lungs. Non-sensitizer for lungs.

Carcinogenic Effects Data **CARCINOGENIC EFFECTS:** Not available.

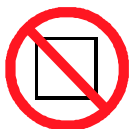
**MUTAGENIC EFFECTS:** Not available.

**TERATOGENIC EFFECTS:** Not available.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

**EU Regulations**

This product is not classified according to the EU regulations.



See Toxicological Information (section 11)

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#### **Section 4. First Aid Measures**

SKIN: Wash contaminated skin with soap and water.

EYES: Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.

Inhalation: Move exposed person to fresh air. If irritation persists, get medical attention.

Ingestion: Do not induce vomiting. If affected person is conscious, give plenty of water to drink. Seek medical attention.

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#### **Section 5. Fire Fighting Measures**

*Flammability of the Product* Non-flammable.

*Flash Points* Not applicable.

*Fire Hazards in Presence of Various Substances* Not applicable.

*Fire Fighting Media and Instructions* Not applicable.

*Protective Clothing (Fire)* Not applicable.

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#### **Section 6. Accidental Release Measures**

*Small Spill and Leak* Absorb with an inert material and put the spilled material in an appropriate waste disposal.

*Large Spill and Leak* Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

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#### **Section 7. Handling and Storage**

*Handling* Avoid breathing vapors or spray mists.

*Storage* Keep container tightly closed. Keep container in a cool, well-ventilated area.

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## Section 8. Exposure Controls/Personal Protection

*Engineering Controls* Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

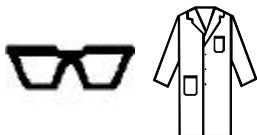
*Personal Protection*

*Eyes* Safety glasses.

*Body* Lab coat.

*Respiratory* Not applicable.

Protective Clothing  
(Pictograms)



Consult local authorities for acceptable exposure limits.

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## Section 9. Physical and Chemical Properties

*Physical State and Liquid Appearance*

*Odor* Not available.

*Molecular Weight* Not available.

*Taste* Not available.

*Color* Not available.

*Dispersion Properties* Not available.

*Solubility* Not available.

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## Section 10. Stability and Reactivity

*Stability and Reactivity* The product is stable.

*Incompatibility with Various Substances* Not available.

*Hazardous Polymerization* Will not occur.

*Hazardous Decomposition Products* Not available.

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## Section 11. Toxicological Information

*Other Toxic Effects on Humans* Non-irritating to the eyes. Non-hazardous in case of inhalation. Non-sensitizer for lungs. Non-corrosive to the eyes.

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## Section 12. Ecological Information

*Toxicity of the Products of Biodegradation* Not available.

### Section 13. Disposal Considerations

*Waste Information* Waste must be disposed of in accordance with federal, state and local environmental control regulations.

*Waste Stream* Not available.

*Consult your local or regional authorities.*

### Section 14. Transport Information

*Contact Pierce for all transport information.*

### Section 15. Regulatory Information

*HCS Classification* Not controlled under the HCS (United States).

*U.S. Federal Regulations* TSCA: No products were found.

- SARA 302/304/311/312 extremely hazardous substances: No products were found.
- SARA 302/304 emergency planning and notification: No products were found.
- SARA 302/304/311/312 hazardous chemicals: No products were found.
- SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.
- SARA 313 toxic chemical notification and release reporting: No products were found.
- Clean Water Act (CWA) 307: No products were found.
- Clean Water Act (CWA) 311: No products were found.
- Clean air act (CAA) 112 accidental release prevention: No products were found.
- Clean air act (CAA) 112 regulated flammable substances: No products were found.
- Clean air act (CAA) 112 regulated toxic substances: No products were found.

*WHMIS (Canada)* Not controlled under WHMIS (Canada).

No products were found.

*International Regulations*

*EINECS* Not available.

*DSCL (EEC)* This product is not classified according to the EU regulations.

*International Lists* No products were found.

*State Regulations* No products were found.

California prop. 65: No products were found.

### Section 16. Other Information

**Hazardous Material Information System (U.S.A.)**

Health	0
Fire Hazard	0
Reactivity	0
Personal Protection	a

**National Fire Protection Association (U.S.A.)**



Validated by Pierce Administration on 3/6/2001.

Verified by Pierce Administration.

Printed 12/5/2001.

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*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*