


CYANOPLEX INJECTION

Section 1: Identification of the Substance and Supplier

Product Name Cyanoplex Injection
Recommended Use For use as a supplemental source of B complex vitamins in cattle, swine and sheep.
Company Details Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215
Emergency Telephone 800-424-9300
Date of Preparations 11/10/15

Section 2: Hazards Identification

Hazard Classification None
Priority Identifiers  Warning
Secondary Identifiers Acute overexposure may cause irritation to eyes and skin. Large amounts ingested may cause nausea or vomiting.
Risk & Safety Phrases None Applicable.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
Ammonium Sulfate	7783-20-2	0.1%
Benzyl Alcohol	100-51-6	1.5%
Cyanocobalamin	68-19-9	0.0005%
Niacinamide	98-92-0	1.3%
d-Panthenol	81-13-10	0.50%
Pyridoxine HCl	58-56-0	0.50%
Riboflavin 5' Phos. Sod	130-40-5	0.3%
Thiamine	67-03-8	0.13%
Butylated Hydroxyanisole	25013-16-5	0 – 1%
Citric Acid	77-92-9	0 – 1%
Propyl Gallate	121-79-9	0 – 1%
Propylene Glycol	57-55-6	0 – 1%
Water for Injection	7732-18-5	QS

Concentrations are listed as a range to protect proprietary information. The variations have no material effect on the safety data reported.

Section 4: First Aid Measures

Necessary First Aid Measures
 Eyes: Flush with large amounts of water and seek medical attention.
 Skin: Thoroughly wash area with soap and water.
 Inhalation: Provide fresh air and if necessary give oxygen.
 Ingestion: Give several glasses of water to dilute. If large amounts swallowed, seek medical attention.

Section 5: Fire Fighting Measures

Type of Hazard Not classified as flammable
Fire Hazard Properties None Applicable
Regulatory Requirements None Applicable

Extinguishing Media and Methods	Water fog, alcohol foam dry chemical or carbon dioxide for surrounding fire.
Hazchem Code	None Allocated
Recommended Protective Clothing	Self-contained breathing apparatus and protective clothing.

6: Accidental Release Measures

Emergency Procedures	Protective clothing. Absorb spill on inert material and place in appropriate waste container for disposal. Flush area with detergent and water. Follow Federal, State and local disposal requirements.
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Section 7: Handling and Storage

Precautions for Safe Handling	Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed during material transfer, transport or when not in use.
Regulatory Requirements	None Required
Handling Practices	Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed when not in use.
Approved Handlers	Not Required
Conditions for Safe Storage	Store at controlled room temperature between 15° – 30°C (59° – 86°F)
Store Site Requirements	Protect from light.

Section 8: Exposure control/Personal Protection

Workplace Exposure Standards	None Applicable
Application in the workplace	None Applicable
Exposure standards outside the workplace	None Applicable
Personal protection	Rubber gloves and goggles

Section 9: Physical and Chemical Properties

Appearance	Clear yellow liquid
Boiling Point	103°C
Melting/Softening point	None Applicable
Vapor Pressure	None Applicable
Specific Gravity	Not Determined
Solubility (H ₂ O)	Complete
Percent Volatiles	None Applicable
Evaporation Rates	None Applicable

Section 10: Stability and Reactivity

Stability of the Substance	Stable
Conditions to Avoid	None
Material to Avoid	Do not mix with strong bases
Hazardous Decomposition Products	Exposure to fire may yield carbon monoxide and carbon dioxide fumes.

Section 11: Toxicological Information

Acute effects for individual ingredients only

Acute overexposure may cause irritation of eyes and skin. Ingestion of large amounts may cause nausea or vomiting.

Section 12: Environmental Information

Effects for individual ingredients only

None Applicable

Section 13: Disposal Considerations

Disposal Information

Absorb spill on inert material and place in appropriate waste container for disposal. Flush area with detergent and water. Follow Federal, State and local disposal requirements.

Reference

None Applicable

Section 14: Transport Information

Relevant Information

Not classified as a dangerous good for transport.

Section 15: Regulatory Information

Regulatory Status

None Applicable

Section 16: Other Information

Additional Information

For animal use only. Keep out of reach of children.