

# SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078688930

N/A

MATERIAL SAFETY DATA SHEET  
VEDCO SUPER B COMPLEX 250 ML

SECTION 1 PRODUCT INFORMATION

Manufacturer: Sparhawk Laboratories

Address: 12340 Santa Fe Trail Drive  
Lenexa Kansas 66215

Emergency Telephone Number: --800-424-9300

Trade name and synonyms: Vita-B complex, Vita-Jec B-plex, High Level B-Complex, Fortified B-Complex, Vita-Jec Vitamin B complex, Vitamin B Complex Forte 100 (or 200)

Chemical name and synonyms:

Chemical Family: Vitamins

Formula:--

SECTION 2 HAZARDOUS INGREDIENTS

Compound	%	Hazard Data/Toxicity
Thiamine Hydrochloride	1.25	LD50 8224mg/kg-orl-mse
Riboflavin-5-phosphate, sodium	.2	LD50 560mg/kg-IP-rat
Pyridoxine Hydrochloride	.5	no data available
Niacinamide	10.0	2500mg/kg-oral-rat
Cyanocobalamin	.01-.02	LD50 3mg/kg-IP-mouse
Benzyl Alcohol	1.5	1230 mg/kg-oral-rat

SECTION 3 PHYSICAL DATA

Boiling Point (\*F): 217(F)

Vapor Pressure (mm Hg): NA

Vapor density (air=1): NA

Solubility in water: Complete

Appearance and odor: Clear yellow liquid

Specific Gravity(h20=1):

Percent volatile by volume(%)

Evaporation rate:

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): NA

Flammable Limits: Not considered a fire hazard

Extinguishing media: Water fog, alcohol foam dry chemical or carbon dioxide for surrounding fire.

Special fire fighting procedures: Isolate hazard. Move containers away from area of fire if possible. Use water spray to cool fire exposed containers. Fire fighters should wear self-contained breathing apparatus and protective clothing.

Unusual fire and explosion hazards: -- None

## SECTION 5 HEALTH HAZARD DATA

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Threshold limit value: --

Effects of overexposure- Might cause slight irritation to the eyes.

Emergency First Aid Procedures-

Eyes: Flush with large amounts of water, and seek medical attention.

Skin: Wash with soap and copious amounts of water, seek prompt medical attention.

Inhalation: Remove to fresh air, seek prompt medical attention.

Ingestion: Get immediate medical attention. Induce vomiting only on the advice of medical personnel.

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## SECTION 6 REACTIVITY DATA

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Stability: Stable ( x ) Unstable ( )

Incompatibility( materials to avoid): Do not mix with strong bases.

Hazardous Decomposition Products: Exposure to fire may yeild carbon monoxide and carbon dioxide fumes.

Hazardous polymerization: Will occur ( )will not occur( x )

Conditions to avoid: Light, heat, freezing

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## SECTION 7 SPILL OR LEAK PROCEDURES

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Steps to be taken in case material is released or spilled: Absorb spill on inert material place in appropriate waste container for disposal requirements.

Waste disposal method: Ensure compliance with local, state and federal regulations.

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## SECTION 8 SPECIAL PROTECTION INFORMATION

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Respiratory protection: None

Ventilation: general dilution or local exhaust

Protective gloves: rubber

Eye Protection: goggles or safety glasses

Other protective equipment: Eye wash stations and emergency showers should be provided.

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## SECTION 9 SPECIAL PRECAUTIONS

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Precautions to be taken in handling and storing: Store between 15( and 30( C

Other precautions: --

NOTE;


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## HIGH POTENCY VITAMIN B COMPLEX INJECTION

### Section 1: Identification of the Substance and Supplier

<b>Product Name</b>	High Potency Vitamin B Complex Injection
<b>Recommended Use</b>	For use as a supplemental source of B Complex vitamins in Cattle, Sheep and swine.
<b>Company Details</b>	Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215
<b>Emergency Telephone</b>	800-424-9300
<b>Date of Preparations</b>	11-09-15

### Section 2: Hazards Identification

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

### Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
Benzyl Alcohol	100-51-6	1.5% v/v
Citric Acid	77-92-9	0.05 mg
Cyanocobalamin	68-19-9	100.0 mcg
Niacinamide	98-92-0	100.0 mg
d-Panthenol	81-13-0	10.0 mg
Pyridoxine	58-56-0	10.0 mg
Riboflavin 5' Phos Sod	130-40-5	5.0 mg
Thiamine	67-03-8	100.0 mg
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

<b>Necessary First Aid Measures</b>	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.
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### Section 5: Fire Fighting Measures

<b>Type of Hazard</b>	Not classified as flammable.
<b>Fire Hazard Properties</b>	None Applicable
<b>Regulatory Requirements</b>	None Applicable

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

## Section 6: Accidental Release Measures

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

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

## Section 8: Exposure control/Personal Protection

<b>Workplace Exposure Standards</b>	None Applicable
<b>Application in the workplace</b>	None Applicable
<b>Exposure standards outside the workplace</b>	None Applicable
<b>Personal protection</b>	Self-contained breathing apparatus, rubber gloves and goggles.

## Section 9: Physical and Chemical Properties

Appearance	Clear yellow liquid
Boiling Point	217°F (103°C)
Melting/Softening point	None Applicable
Vapor Pressure	None Applicable
Specific Gravity	Not Determined
Solubility (H <sub>2</sub> O)	Complete
Percent Volatiles	None Applicable
Evaporation Rates	None Applicable

## Section 10: Stability and Reactivity

<b>Stability of the Substance</b>	Stable
<b>Conditions to Avoid</b>	None
<b>Material to Avoid</b>	Do not mix with strong bases.
<b>Hazardous Decomposition Products</b>	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 to 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**

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