

Issue Date 01/20/2021

Version 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

Product Name Vita-Bac Ultra

#### Other means of identification

Product Code 1530

#### Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC  
3670 Scarlet Oak Blvd.  
St. Louis, MO 63122  
800-325-3312

#### Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

### 2. HAZARDS IDENTIFICATION

#### Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### Label elements

#### Emergency Overview

**Appearance:** Dark green liquid

**Physical State:** Liquid

**Odor:** Characteristic



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves and eye protection.

#### **Precautionary Statements - Response**

See First Aid Measures Section. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

#### **Precautionary Statements - Storage**

Keep container tightly closed.

#### **Precautionary Statements - Disposal**

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

This product is a buffered and preserved aqueous solution containing dyes and naturally-occurring viable bacterial cultures.

**4. FIRST AID MEASURES****First aid measures**

<b>General Advice</b>	Show this safety data sheet to the Doctor in attendance.
<b>Inhalation</b>	Remove to fresh air.
<b>Skin Contact</b>	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions, see a physician.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under eyelids. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

**Most important symptoms and effect, both acute and delayed**

**Symptoms** May cause itching, rashes, and/ or hives on susceptible persons.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** May cause sensitization of susceptible persons. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Product may cause sensitization by prolonged skin contact on susceptible persons.

**Uniform Fire Code:** Liquid

**Explosion data**

**Sensitivity to Mechanical Impact** No

**Sensitivity to Static Discharge** No

**Hazardous Combustion Products**

Carbon oxides.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin and eyes.

### Environmental precautions

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for containment & cleaning up** Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labelled containers. Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practices. Avoid prolonged contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

**Storage conditions** Keep container tightly closed.

### Incompatible products

Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v.OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

**Engineering Controls** Showers, Eyewash stations, and Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** None required for consumer use. If splashes are likely to occur, wear safety glasses with side-shields.

**Skin and Body Protection** None required for consumer use. Repeated or prolonged contact:Wear protective gloves and protective clothing.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General Hygiene** Handle in accordance with good industrial hygiene and safety practices. Take off contaminated clothing and wash before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

Physical State	Liquid
Appearance	Dark green liquid
Color	Dark green
Odor	Characteristic
Odor Threshold	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>
pH	6.8 – 8.8
Melting/freezing point	No data available
Boiling point/boiling range	100 °C / 212 °F
Flash point	None
Evaporation rate	No data available
Flammability (solid, gas)	None
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Specific gravity	1.00
Water solubility	Dispersible
Solubility in other solvents	No data available
Partition coefficient (n-octanol/water)	No data available
Autoignition temperature	No data available
Viscosity	Water-thin
VOC content (%)	None

**10. STABILITY AND REACTIVITY****Reactivity**

No data available.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility Of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Do not exposed to extreme temperatures for long periods of time. Close containers when not in use.

**Incompatible Materials**

Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

**Hazardous Decomposition Products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Skin Contact</b>	Specific test data for the mixture is not available. May cause sensitization by skin contact on prolonged exposure on susceptible persons.
<b>Eye Contact</b>	Specific test data for the mixture is not available.
<b>Inhalation</b>	Specific test data for the mixture is not available.
<b>Ingestion</b>	Specific test data for the mixture is not available.

<b><u>Component Information</u></b>	No information available.
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**Information on toxicological effects**

<b>Symptoms</b>	Possible itching and rashes on susceptible persons.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	May cause sensitization on susceptible persons due to prolonged contact.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT – single exposure</b>	No information available.
<b>STOT – repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	No known effect based on available information.
<b>Target Organ Effects</b>	Skin.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity**

Not applicable.

**12. ECOLOGICAL INFORMATION****Ecotoxicity, Persistence and Degradability, and Bioaccumulation**

This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bioaccumulative potential, aquatic toxicity, and other data related to ecotoxicity.

**Other Adverse Effects**

None known.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Disposal of Wastes</b>	This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult with the appropriate State, Regional, or Local regulations for additional requirements.
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**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

**DOT** *Not Regulated*  
**Proper Shipping Name** *Not Regulated*  
**Hazard Class** *N/A*

**TDG** *Not regulated.*

**MEX** *Not regulated.*

**ICAO** *Not regulated.*

**IATA** *Not regulated.*

**IMDG/IMO** *Not regulated.*

**RID** *Not regulated.*

**ADR** *Not regulated.*

**ADN** *Not regulated.*

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA** Listed  
**DSL** Not all biological components are listed on the DSL

### Legend:

**TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**

**DSL - Canadian Domestic Substances List**

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical at reportable levels, which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or State level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**US State Right-to-Know Regulations**

This product does not contain any substances above threshold limits that are regulated by State right-to-know.

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards	ND	Flammability	ND	Reactivity	ND	Other	ND
<b>HMIS</b>	Health hazards	1	Flammability	0	Reactivity	0	Personal protection	B

Issue Date 01/20/2021

Revision Date

Revision Note

N/A = Not Applicable; N/D = Not Determined

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**