

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**

General Advice	Show this safety data sheet to the Doctor in attendance.
Inhalation	Remove to fresh air.
Skin Contact	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions, see a physician.
Eye Contact	Rinse thoroughly with plenty of water, also under eyelids. If symptoms persist, call a physician.
Ingestion	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.
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Indication of any immediate medical attention and special treatment needed

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

Property**Values**

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

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

Component Information	No information available.
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Information on toxicological effects

Symptoms	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

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

Disposal of Wastes	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

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	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

NFPA	Health hazards	ND	Flammability	ND	Reactivity	ND	Other	ND
HMIS	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