

USA – According to the OSHA Hazard Communication Standard (2012)
 Canada – According to the Hazardous Products Regulations (WHMIS 2015)
 Mexico – According to NMX-R-019-SCFI-2011 and NOM-018-STPS-2000

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Trade name:	Bio-C GP™
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SECTION 1: Identification / Identification of the dangerous chemical substance or mixture and the supplier or manufacturer

Product identifier: Bio-C GP™
Product Code Number: 90-1301, 90-1305, and 77-1304
Recommended use: General purpose concentrate, offering a powerful bacterial blend that creates specific natural enzymes within one hour and becomes totally involved in 4-6 hours. Used for spot treatment of carpets and other textiles.
Recommended restrictions: Uses other than as recommended above.

Manufacturer/Importer/Supplier/Distributor information:

Company Name: Vaportek Inc.
Company Address: W226 N6339 Village Drive
 Sussex, WI, 53089
 USA
Website: www.vaportek.com
info@vaportek.com
Company Telephone: 1-800-237-6367
 (262) 246-5060
 Hours of operation: 7:00 AM – 4:00 PM Mon-Fri. (CST)
Emergency phone number: 1-800-237-6367
 (262) 246-5060
 Hours of operation: 7:00 AM – 4:00 PM Mon-Fri. (CST)

SECTION 2: Hazard(s) identification

Classification of the chemical in accordance with the OSHA Hazard Communication Standard (2012) – Hazcom 2012, Hazardous Products Regulations (2015) (Canada) Workplace Hazardous Materials Information System (WHMIS 2015) and Mexican NMX-R-019-SCFI-2011 and NOM-018-STPS-2000:

Classification of the Substance or Mixture (USA, Canada)
 Not classified as hazardous.

Label Elements (USA, Canada):

Pictograms	:	Not applicable
Signal Word	:	Not applicable
Hazard Phrases	:	Not applicable
Precautionary Phrases	:	Not applicable

Hazard(s) or Health and Physical Hazard(s) not otherwise Classified (HNOC): Not applicable.

Percentage of ingredient(s) of unknown acute toxicity:

Not applicable

Classification of the Substance or Mixture (Mexico)

Not classified as hazardous.

Label Elements (Mexico):

Pictograms	:	Not applicable
Signal Word	:	Not applicable
Hazard Phrases	:	Not applicable
Precautionary Phrases	:	Not applicable

SECTION 3: Composition/information on ingredients**Mixture:**

This product is not classified as hazardous; therefore there are no components which require disclosure.

SECTION 4: First-aid Measures**Description of necessary measures:**

Inhalation: If irritation occurs, remove person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms occur.

Skin contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: If product gets in eyes, rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs: Get medical advice/attention.

Ingestion: If ingested, and if person is conscious and lucid, rinse mouth with water. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. Drink water and contact a physician.

Most important symptoms/effects, acute and delayed: There are no anticipated symptoms or effects due to acute exposure to this product.

Indication of immediate medical attention and special treatment needed: No additional information available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Product is not anticipated to support combustion. Use appropriate extinguishing media for surrounding materials.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical:

Not expected to be a fire/explosion hazard under normal conditions of use. Heat may build pressure and rupture closed containers. Thermal decomposition may generate: aldehydes, irritating vapours, carbon dioxide, carbon monoxide and unidentified organic compounds.

Special protective equipment and precautions for fire-fighters: Exercise caution when fighting any chemical fire. Wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: Accidental release measures / Measures to be taken in case of accidental spill or accidental release

Personal precautions, protective equipment and emergency procedures: Wear appropriate Personal Protective Equipment (PPE) (See information provided in Section 8). Avoid inhalation of vapors or mists of product and avoid all contact with eyes, skin and clothing.

Methods and material for containment and cleaning up: Cover spill with a non-combustible inert absorbent and place in an approved disposal container (See Section 13). In case of a large spill, ventilate the area and absorb with an inert absorbent. Avoid releases to sewers or watercourses. Wear appropriate PPE when cleaning up spilled material (See Section 8).

SECTION 7: Handling and Storage

Precautions for safe handling: Wear appropriate personal protective equipment (See Section 8). Avoid inhalation of mists or sprays of the product. Wash hands, forearms, face and clothing thoroughly after handling the product. Contaminated work clothing should not leave the workplace. Do not eat, drink or smoke while handling this product.

Conditions for safe storage, including any incompatibles: Keep in a cool, dry and well-ventilated area.

SECTION 8: Exposure controls/personal protection

Occupational exposure limits:

No occupational exposure limits are available for the known components.

Appropriate engineering controls: Use engineering controls to maintain airborne levels at the minimum level possible. Local ventilation is recommended. Ventilation rates should be matched to conditions.

Individual protection measures, such as personal protective equipment:

Eye/face protection: In case of use or storage where excessive vapor is released or if mists are formed, wear protective safety goggles to protect eyes from exposure to product.

Skin and Hand protection: Wear suitable protective clothing and protective gloves to prevent prolonged or repeated exposure.

Respiratory protection: If engineering controls do not keep airborne concentrations below acceptable levels an approved respirator should be worn. A chemical cartridge respirator should be used if excessive mists or sprays are present. Seek guidance from your respiratory protection supplier or your health and safety expert.

Thermal hazards: Not applicable based on recommended uses.

General provisions: Minimize exposure and avoid generation of excessive mists or sprays. Ensure appropriate personal protective equipment is available in the workplace. Respect all appropriate legislation regarding health and safety in the workplace and follow all recommends from your health and safety committee.

SECTION 9: Physical and chemical properties

Appearance:	Translucent pale yellow liquid
Odor/odour:	Spicy odor
Odor/odour threshold:	Not available
pH:	Not available
Melting point/freezing point:	Not available
Initial Boiling Point and boiling range:	>200°F
Flash point:	Not available
Evaporation rate:	Not available
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower %:	Not applicable
Flammability limit – upper (%):	Not applicable
Explosive limit – lower (%):	Not applicable
Explosive limit – upper (%):	Not applicable
Vapor/Vapour pressure:	Not available
Vapor/Vapour density (air=1):	>1

Relative density (water = 1):	Not available
Solubility(ies):	completely miscible in water
Partition coefficient (n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

SECTION 10: Stability and Reactivity

Reactivity:	Stable under normal anticipated conditions of use, but may react with incompatible materials.
Chemical stability:	Stable under normal anticipated conditions of use.
Possibility of hazardous reactions:	Hazardous reactions are not anticipated.
Conditions to avoid:	Avoid contact with incompatible materials. No other known conditions to avoid.
Incompatible materials:	Strong acids and bases, reducing agents and oxidizing agents,
Hazardous decomposition products:	Decomposition may generate: irritating vapours, carbon dioxide, carbon monoxide and unidentified organic compounds.

SECTION 11: Toxicological information

Information on likely routes of exposure: Ingestion, inhalation, contact with skin and eyes.

Symptoms related to the physical, chemical, and toxicological characteristics: There are no anticipated symptoms or effects due to acute exposure to this product.

Delayed and immediate effects and chronic effects from short or long-term exposure:

Skin Irritation and Corrosion: Not anticipated to cause skin irritation based on information available on the product and the known components in the product.

Serious Eye Damage/ Eye Irritation: Not anticipated to cause eye damage or irritation based on information available on the product and the known components of the product.

Respiratory Sensitization: Not anticipated to cause respiratory sensitization based on information available on the product and the known components of the product.

Skin Sensitization: Not anticipated to cause skin sensitization based on information available on the product and the known components of the product.

Germ Cell Mutagenicity: Not anticipated to cause mutagenicity based on information available on the product and the known components of the product.

Carcinogenicity: Not anticipated to cause cancer based on information available on the product. None of the ingredients in this product is listed as a carcinogen by ACGIH, IARC or NTP.

Reproductive Toxicity: Not anticipated to cause reproductive toxicity (Fertility or effects on unborn child) based on information available on the product and the known components of the product.

Specific Target-Organ Toxicity – Single Exposure: Not anticipated to cause specific target organ toxicity following single exposure, based on information available on the product and the known components of the product.

Specific Target-Organ Toxicity – Repeated Exposure: Not anticipated to cause specific target organ toxicity following repeated or prolonged exposure, based on information available on the product and the known components of the product.

Aspiration Hazard: Not anticipated to be an aspiration hazard if swallowed.

Numerical measures of toxicity:
Not available

Acute Toxicity Estimate (ATE) of the product:

Acute Toxicity (oral) – cannot be determined
Acute Toxicity (dermal) – cannot be determined
Acute Toxicity (inhalation) – cannot be determined

Further information: Not available

SECTION 12: Ecological information

Ecotoxicity: Acute Ecotoxicity Data

Product data: Not available

Ingredient data: Not available

Persistence and Degradability:	No biodegradation data is available for this product; however, the components of this product are all anticipated to be at least inherently biodegradable.
Bioaccumulative Potential:	Unknown.
Mobility in Soil:	Not available
Other adverse effects:	None known

SECTION 13: Disposal considerations / Information on the disposal of products

Disposal instructions:

Product: Dispose in accordance with applicable federal, state/provincial, and local regulations.

Contaminated packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.

SECTION 14: Transport Information

Land transport DOT (US-DOT):
Not regulated

TDG (Transportation of Dangerous Goods) (Canada):
Not regulated

IATA (International Air Transport Association):
Not regulated

IMDG (International Maritime Dangerous Goods Code):
Not regulated

SECTION 15: Regulatory Information

Canada:

Classification according to the Hazardous Products Regulations (WHMIS 2015): (See Section 2) This SDS complies with the Hazardous Products Regulations (WHMIS 2015).

Canadian Environmental Protection Act (CEPA) Domestic Substances List (DSL): Some components of this product are not listed on the DSL. Therefore, contact the supplier before you ship any of this product into Canada to ensure you adequately track your volumes and file appropriate and timely notifications.

Substances Categorized in under the Categorization and Screening of the DSL (CSDSL) efforts: Not determined

Environment Canada's (EC) National Pollutant Release Inventory (NPRI): Not determined.

Environmental Emergencies Regulations: Not determined

Mexico:

Classification according to NMX-R-019-SCFI-2011 harmonized system of classification and hazard communication of chemicals and NOM-018-STPS-2014, Harmonized System for the Identification and Communication of Hazards and Risks of Hazardous Chemicals in the Workplace: See section 2.

USA:

Classification according to the OSHA Hazard Communication Standard (HCS) 2012: See Section 2. This Safety Data Sheet complies with the OSHA Hazcom 2012 requirements.

TSCA Inventory: All applicable components of this product are listed on the TSCA Inventory or are exempt from listing on the TSCA Inventory.

Superfund or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA): There are no known substances in this product currently listed on CERCLA.

Emergency Planning and Community Right to Know Act (EPCRA) 302 (SARA 302): No reviewed components are listed.

SARA 313 – Toxic Release Inventory (TRI): There are no known substances in this product currently listed on the TRI.

California Proposition 65: No reviewed components are listed.

New Jersey Right To Know (NJ-RTK): There are no known components of this product present on the NJ-RTK list.

SECTION 16: Other Information / Other information on the preparation and revision of safety data sheets

Revision Date: August 26, 2019

Acronyms used in this SDS:

ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
EC50	Effective Concentration, 50%
GHS-CA/US/MX	Globally Harmonized System – Canada / United States / Mexico (as appropriate)
HMIS	Hazardous Materials Identification System
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MSHA	Mine Safety and Health Administration (US)
NFPA	National Fire Protection Association (US)
NIOSH	National Institute for Occupational Safety and Health (US)
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
US DOT	United States Department of Transport
WEEL	Workplace Environmental Exposure Levels

Disclaimer:

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