

# SAFETY DATA SHEET

## Bio Power

### SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name:	Bio Power
Product Use:	Carpet Cleaner
Supplier Name and Address:	Corpack Canada 16 Seapark Drive, St. Catharines, ON L2M 6S6
Telephone:	: (905) 682-8888
Emergency Telephone:	: CANUTEC (613) 996-6666

### SECTION 2 - HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

<b>Physical State:</b>	Liquid
<b>GHS Classification:</b>	
Skin Irritation:	Category 3
Eye Irritation:	Category 2B
Acute Toxicity:	Category 4
<b>GHS Label Elements:</b>	
Hazard Pictograms	



Signal Word:	Warning
Hazard Statements:	H315 Causes skin irritation H320 Causes eye irritation H335 May cause respiratory irritation
Precautionary Statements:	<b>Prevention</b> P102 Keep out of reach of children P262 Do not get in eyes, on skin, or on clothing P284 In case of inadequate ventilation wear respiratory protection <b>Response</b> P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes P305 IF IN EYES: Flush with plenty of water for at least 15 minutes P332+P313 If skin irritation persists, get medical attention

<b>Potential Health Effects:</b>	
Inhalation	: Intentional misuse by concentrating and inhaling the product can be harmful or fatal. May cause irritation of respiratory tract.
Skin	: Slightly irritating to the skin
Eyes	: Slightly irritating to the eyes
Ingestion	: Slightly irritating to the throat and digestive tract
Aggravated Medical Condition	: None known
Symptoms of Overexposure	: None known

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### SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

#### HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]	Trade Secret
Concentrated Bacterial Cultures	Not available	<=10	*
Anionic surfactant	5324-84-5	<5	*
Essential Oils	Not available	<5	*

\*Exact percentage withheld as trade secret

### SECTION 4 - FIRST-AID MEASURES

<b>General Advice</b>	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
<b>Inhalation</b>	: Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.
<b>Skin Contact</b>	: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops/persists.
<b>Eye Contact</b>	: If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists. Rinse with water. Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.
<b>Ingestion</b>	: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control center immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.

### SECTION 5 - FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	: Alcohol foam, carbon dioxide, dry chemical
<b>Specific hazards arising from the chemical</b>	: None known
<b>Special protective actions for fire-fighters</b>	: None
<b>Additional advice</b>	: None

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	: Wear appropriate protective equipment.
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<b>Environmental precautions</b>	: Prevent entry into sewers or streams. Dike if needed.
<b>Methods and materials for containment/cleaning up</b>	: Use dry absorbent for spills. Place in suitable labeled containers and hold for waste disposal. Wash spill site with water.
<b>Additional advice</b>	: None

### SECTION 7 - HANDLING AND STORAGE

<b>Precautions for safe handling</b>	: Use of nitrile gloves and eye protection is optional.
<b>Conditions for safe storage</b>	: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials as provided in Section 10.
<b>Other data</b>	: Do not freeze.

### SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Control parameters</b>	: Not available
<b>Engineering Controls</b>	: Normal building ventilation is adequate. Ensure that eyewash stations and safety showers are close to the workstation location
<b>Personal Protective Equipment</b>	
Eye/face protection	: Safety glasses with side shields when there is potential for eye contact. Face shield also recommended for handling large amounts. Contact lenses should not be worn
Hand protection	: Nitrile or rubber gloves are recommended
Skin protection	: Protective coveralls or thick clothing that covers exposed skin
Respiratory protection	: Wear a NIOSH/MSHA approved air-purifying respirator equipped with chlorine cartridges when vapours reach high levels
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice When using do not eat or drink When using do not smoke Wash hands before breaks and at the end of the workday.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	: Blue
<b>Odor:</b>	: Non-Descript
<b>Odor Threshold:</b>	: Not available
<b>pH:</b>	: 9.8-10.8
<b>Melting point/ freezing point:</b>	: 0 °C
<b>Initial boiling point and boiling range:</b>	: 100 °C
<b>Flash point:</b>	: Not available
<b>Evaporation rate:</b>	: Not available
<b>Flammability (solid, gas):</b>	: Not available
<b>Upper/lower flammability or explosive limits:</b>	: Not available
<b>Vapour pressure:</b>	: Not available
<b>Vapour density:</b>	: Not available
<b>Relative density (g/mL):</b>	: 1.02
<b>Water solubility:</b>	: Not available
<b>Solubility in other solvents:</b>	: Not available
<b>Partition coefficient: n-octanol/water:</b>	: Not available
<b>Auto-ignition temperature:</b>	: Not available
<b>Decomposition temperature:</b>	: Not available



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Viscosity: : As water

### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity** : Product is stable  
**Chemical Stability** : Stable under normal conditions  
**Possibility of hazardous reactions** : Hazardous decomposition products are not known  
**Conditions to avoid** : Avoid contact with oxidizing chemicals.  
**Incompatible materials** : Strong oxidizing agents  
**Hazardous decomposition products** : Not available

### SECTION 11 - TOXICOLOGICAL INFORMATION

#### Product Information

Acute toxicity : LD50 Not available  
Skin Corrosion/ Irritation : Not available  
Serious eye damage/irritation : Not available  
Respiratory or skin sensitization : Not available  
Germ cell mutagenicity : Not available  
Carcinogenicity : Not available  
Reproductive toxicity : Not Available  
STOT-single exposure : Not available  
STOT-repeated exposure : Not available  
Aspiration hazard : Not available

#### Toxicology Data for Ingredients

##### Anionic surfactant

Acute oral toxicity : LC50 Not available  
LC50 Other, rat: >5000mL/kg  
Skin irritation : Causes skin irritation. Prolonged skin contact may cause temporary irritation  
Eye irritation : Not available  
Sensitization : Not classified

##### Concentrated Bacterial Cultures

Acute oral toxicity : LC50 Not available  
LC50 Not available  
Skin irritation : Not available  
Eye irritation : Not available  
Sensitization : Not available

##### Essential Oils

Acute oral toxicity : LC50 Not available  
LC50 Not available  
Skin irritation : Not available  
Eye irritation : Not available  
Sensitization : Not available

### SECTION 12 - ECOLOGICAL INFORMATION

#### Product Information:

Toxicity: : Not available  
Persistence and degradability: : Not available  
Bioaccumulative potential: : Not available  
Mobility in soil: : Not available



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Other adverse effects: : Not available

**Toxicology Data for Ingredients:**

**Anionic surfactant**

Toxicity: : LC50 Bluegill (Iepomis macrochirus): > 1400 mg/L Static 96 hours  
LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Concentrated Bacterial Cultures**

Toxicity: : LC50 Not available  
LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**Essential Oils**

Toxicity: : LC50 Not available  
LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

### SECTION 13 - DISPOSAL CONSIDERATIONS

**Product** : Sanitary sewer or dry absorbent if available.  
For large quantities, contact local environmental department or government authorities  
Do not dispose in drains, waterways, or soil  
Do not contaminate ponds, or ditches with chemical or the used container

### SECTION 14 - TRANSPORT INFORMATION

**UN Number** : Not available

**UN Proper Shipping Name** : Not available

**Transport hazard class(es)** : Not available

**Packing group, if applicable** : Not available

**Environmental hazards** : Not available

**Special precautions for user** : Not Available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not applicable

### SECTION 15 - REGULATORY INFORMATION

**WHMIS Status** : Not known

**WHMIS classification** : Not known

### SECTION 16 - OTHER INFORMATION



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**Telephone number:** (905) 682-8888

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