

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Bio Power
 Product Use: : Carpet Cleaner
 Supplier Name and Address: : Corporate Facility Supply
 7 Neilson Street
 St. Catharines, ON L2M 5V9

 Telephone: : (905) 682-8888
 Emergency Telephone: : CANUTEC (613) 996-6666

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

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



Signal Word: Warning
Hazard Statements: H315 Causes skin irritation
 H320 Causes eye irritation
 H335 May cause respiratory irritation
Precautionary Statements:
Prevention
 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
Response
 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

Potential Health Effects:
 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

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

- General Advice** : Move out of dangerous area
Consult a physician
Show this Safety Data Sheet to the doctor in attendance
- Inhalation** : 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.
- Skin Contact** : 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.
- Eye Contact** : 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.
- Ingestion** : 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

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

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear appropriate protective equipment.
- Environmental precautions** : Prevent entry into sewers or streams. Dike if needed.

**Methods and materials for containment/
cleaning up**

: Use dry absorbent for spills. Place in suitable labeled containers and hold for waste disposal. Wash spill site with water.

Additional advice

: None

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling
Conditions for safe storage

: Use of nitrile gloves and eye protection is optional.
: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials as provided in Section 10.

Other data

: Do not freeze.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters
Engineering Controls

: Not available
: Normal building ventilation is adequate.
Ensure that eyewash stations and safety showers are close to the workstation location

Personal Protective Equipment
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
Skin protection

: Nitrile or rubber gloves are recommended
: 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

Appearance:

: Blue

Odor:

: Non-Descript

Odor Threshold:

: Not available

pH:

: 9.8-10.8

Melting point/ freezing point:

: 0 °C

Initial boiling point and boiling range:

: 100 °C

Flash point:

: Not available

Evaporation rate:

: Not available

Flammability (solid, gas):

: Not available

Upper/lower flammability or explosive limits:

: Not available

Vapour pressure:

: Not available

Vapour density:

: Not available

Relative density (g/mL):

: 1.02

Water solubility:

: Not available

Solubility in other solvents:

: Not available

Partition coefficient: n-octanol/water:

: Not available

Auto-ignition temperature:

: Not available

Decomposition temperature:

: Not available

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

Prepared by: Technical Services
Telephone number: (905) 682-8888

Preparation date: January 2018

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