

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION AND USE

Product identifier: BIO-FLOW BLOCK  
Product Use: ENZYME / BACTERIAL CULTURE  
Supplier: SHARE CANADA  
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7  
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

## SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	OSHA PEL	ACGIH TLV
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CONTAINS NATURALLY OCCURRING MICROORGANISMS. COMPONENT BATERIA ARE NON-PATHOGENIC AND GENERALLY REGARDED AS SAFE.

CONTAINS NO OTHER HAZARDOUS MATERIALS REQUIRED TO BE DISCLOSED IN ACCORDANCE WITH THE HAZARDOUS PRODUCTS ACT, CONTROLLED PRODUCTS REGULATION OR LISTED ON THE INGREDIENT DISCLOSURE LIST.

## SECTION III - PHYSICAL DATA

Physical State: SOLID  
Specific gravity: Not available.  
pH: Not available.  
Odour and appearance: LIGHT RED SOLID IN PLASTIC NETTING  
Odour threshold: Not available.  
Vapour pressure ( mmHg ): 10.0  
Vapour density (air = 1): 5.08  
Evaporation rate (water = 1): > 1.00.  
% volatile by volume: Not available.  
Solubility in water: COMPLETE.  
Boiling Point ( C<sup>0</sup> ): 100  
Melting Point ( C<sup>0</sup> ): Not available.  
Coefficient of water/oil distribution: Not available.

## SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NOT FLAMMABLE OR COMBUSTIBLE  
Flash Point ( C<sup>0</sup> ) and method: Not applicable.  
Upper flammable limit: Not applicable.  
Lower flammable limit: Not applicable.  
Autoignition temperature: Not applicable.  
Flammability classification: NONE  
Conditions of flammability: EXCESS HEAT AND OPEN FLAME.  
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Special fire fighting procedures: NONE.  
Hazardous combustion products: NONE.  
Sensitivity to mechanical impact: NOT SENSITIVE  
Sensitivity to static discharge: NOT SENSITIVE

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## SECTION V - REACTIVITY DATA

Is the product stable: STABLE  
Incompatible substances: NONE  
Conditions of Reactivity: NONE  
Hazardous decomposition products: NONE.

## SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INGESTION.  
WHMIS Classification: CLASS D 2B OTHER TOXIC EFFECTS - IRRITANT.  
Irritant: YES Carcinogen: NO - IARC / OSHA / NTP  
Sensitizer: NO Mutagen: NO  
Reproductive effects: NONE KNOWN Synergistic products: NONE KNOWN  
Effects of acute exposure: Skin: MAY IRRITATE SKIN.  
Eyes: MAY IRRITATE EYES.  
Ingestion: EXCESSIVE INGESTION MAY CAUSE NAUSEA AND DIARRHEA.  
Inhalation: NONE UNDER NORMAL USE.

## SECTION VII - PREVENTION MEASURES

Gloves: GLOVES RECOMMENDED IF EXPOSURE IS PROLONGED	Respirator: NOT REQUIRED	Eye protection: RECOMMENDED WHEN HANDLING LARGE QUANTITIES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: NO SPECIAL REQUIREMENTS	Other requirements: NONE

Engineering Controls: LOCAL VENTILATION IS RECOMMENDED.  
Respiratory protection: USE WITH ADEQUATE VENTILATION.  
Leak or spill procedures: VENTILATE AREA AND EXTINGUISH ALL SOURCES OF IGNITION. CONTAIN SPILL. SOAK UP ON INERT ABSORBENT AND PLACE IN A PROPERLY MARKED CLOSED CONTAINER FOR DISPOSAL.  
Waste disposal: NO SPECIAL DISPOSAL SYSTEM IS REQUIRED. DISPOSE IN ACCORDANCE WITH LOCAL ENVIRONMENTAL REGULATIONS.  
Handling and storage requirements: HANDLE USING GOOD HOUSEKEEPING PRACTICES. WASH HANDS AFTER USE. STORE IN A COOL, DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. TAKE CARE NOT TO INTRODUCE PRODUCT TO DRINKING WATER OR FOODSTUFFS. KEEP OUT OF THE REACH OF CHILDREN.  
Special shipping information: T.D.G. - NOT REGULATED.

## SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH IMMEDIATELY WITH COPIOUS QUANTITIES OF WATER.  
Skin: WASH OF WITH PLENTY OF WATER.  
Ingestion: RINSE MOUTH AND THROAT AND DRINK WATER TO DILUTE.

## SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET.  
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Preparation date: JANUARY 15, 2010