

SAFETY DATA SHEET

Bio-W™

REVISION DATE: 08/16/2016
VERSION: 1.0

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SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

COMPANY:
ENVIROLOGIC BIO-BASED TECHNOLOGIES
4901 UMBRIA ST., Philadelphia, PA 19128

24 HOUR EMERGENCY RESPONSE INFORMATION:
EMERGENCY: (866) 678-8888
INFORMATION: (215) 930-0111

PRODUCT: Bio-W™

DESCRIPTION & USE: BIO-REMEDIAL ABSORBENT

SYNONYMS: ABSORBENT

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

GENERAL CHEMICAL DESCRIPTION: AN NATURALLY OCCURRING CELLULOSE ABSORBENT TREATED WITH SINGLE CELL MICRO-ORGANISMS

COMPONENTS:

BACTERIAL CULTURES

CAS-NO.

NOT APPLICABLE

CONCENTRATION (WT. %)

>4 - <6

A PROPRIETARY TRADE SECRET: TREATED, PROCESSED & CONTAINING SOME OR ALL OF THE INGREDIENTS BELOW:
CELLULOSE FROM NATURAL SOURCES

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

STATE: FLAKES

ODOR: NONE

COLOR: GRAY

ROUTES OF ENTRY: EYE CONTACT, INHALATION, INGESTION

POTENTIAL HEALTH ACUTE EFFECTS:

POTENTIAL CHRONIC HEALTH EFFECTS: NONE KNOWN

EFFECTS OF OVEREXPOSURE: NONE

INHALATION: MAY CAUSE MILD AIRWAY IRRITATION.

INGESTION: MAY CAUSE MILD TRANSIENT GASTROINTESTINAL IRRITATION.

EYE CONTACT: MAY CAUSE MILD TRANSIENT IRRITATION. NOT CLASSIFIED

SKIN CONTACT: NOT CLASSIFIED AS AN SKIN IRRITANT

SECTION 4 – FIRST AID MEASURES

AFTER INHALATION: IF LARGE QUANTITIES ARE INHALED, PROCEED TO FRESH AIR. BREATHE NORMALLY. INDUCE COUGHING IF INDICATED. IF PROBLEM PERSISTS SEEK MEDICAL ATTENTION.

AFTER SKIN CONTACT: SHOULD NOT CAUSE ANY SKIN PROBLEMS. RINSE SKIN WITH PLAIN WATER. IF PROBLEM PERSISTS SEEK MEDICAL ATTENTION.

AFTER EYE CONTACT: RINSE IMMEDIATELY WITH PLAIN WATER, ALSO UNDER EYELIDS UNTIL IRRITATION SUBSIDES. IF FURTHER IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

AFTER INGESTION: DO NOT INDUCE VOMITING. VICTIM SHOULD DRINK SEVERAL GLASSES OF WATER TO DILUTE THE INGESTED PRODUCT. IF VOMITING OCCURS NATURALLY, KEEP AIRWAY CLEAR. IF FURTHER PROBLEMS OCCUR, SEEK MEDICAL ATTENTION.

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SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT:

DOES NOT APPLY TO THIS PRODUCT

SUITABLE EXTINGUISHING MEDIA:

WATER

UNUSUAL FIRE OR EXPLOSION HAZARDS

DOES NOT APPLY TO THIS PRODUCT

HAZARDOUS COMBUSTION PRODUCTS

DOES NOT APPLY TO THIS PRODUCT

ADDITIONAL FIREFIGHTING ADVICE

DOES NOT APPLY TO THIS PRODUCT

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

DUST MASK

ENVIRONMENTAL PRECAUTIONS:

NONE NEEDED

METHODS FOR CLEANING & TAKE -UP

SWEEP WITH BRUSH, BROOM OR VACUUM

SECTION 7 – HANDLING & STORAGE

HANDLING:

NO SPECIAL HANDLING IS NEEDED.

STORAGE:

STORE IN ORIGINAL CONTAINER.

SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

INDICATION FOR SYSTEM DESIGN:

NO SPECIAL SYSTEMS NEEDED. ADEQUATE VENTILATION IS SUGGESTED FOR PERSONAL COMFORT.

PERSONAL PROTECTION MEASURES:

NO SPECIAL SYSTEMS NEEDED. USE OF NIOSH/MSHA RESPIRATOR MAY BE USED FOR INDIVIDUAL PERSONAL COMFORT, IF NEEDED, ON AN INDIVIDUAL BASIS.

HAND PROTECTION:

NO SPECIAL SYSTEMS NEEDED. USE OF PLASTIC OR RUBBER GLOVES MAY BE USED FOR INDIVIDUAL PERSONAL COMFORT, IF NEEDED, ON AN INDIVIDUAL BASIS.

EYE PROTECTION:

IT IS RECOMMENDED THAT PROTECTIVE EYEWEAR BE USED IN ORDER TO AVOID PRODUCT CONTACTING EYES. WEAR GOGGLES OR FACE SHIELD

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

GENERAL DESCRIPTION:

STATE: FLAKES
ODOR: NONE
COLOR: GREY

DESIGNATION

VALUE

METHOD

pH:	N/A	NO INFORMATION
BOILING POINT:	N/A	NO INFORMATION
MELTING POINT:	N/A	NO INFORMATION
VAPOR PRESSURE:	N/A	NO INFORMATION
SPECIFIC GRAVITY:	N/A	NO INFORMATION
SOLUBILITY IN WATER:	NOT SOLUBLE	NO INFORMATION

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SECTION 10 - STABILITY & REACTIVITY

REACTIVITY

MATERIALS TO AVOID:	NONE
STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	NONE, WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE
CONDITIONS TO AVOID:	NONE.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY:	> 500 mg/kg BODY WEIGHT (EXPERIMENT) METHOD: LD50
SKIN IRRITATION:	NOT IRRITATING (EXPERIMENT) METHOD: DRAIZE TEST
EYE IRRITATION:	MODERATELY IRRITATING METHOD: DRAIZE TEST

SECTION 12 - ECOLOGICAL INFORMATION

ACUTE FISH TOXICITY:	LC50 > 1 - <= 10 mg PRODUCT/LITER (ANALOGY)
ACUTE BACTERIAL TOXICITY:	ECO > 100 mg PRODUCT/LITER (ANALOGY)
PRIMARY DEGRADATION:	PRIMARY CELLULOSE NATURALLY OCCURRING IN NATURE.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL OF PRODUCT:	THERE ARE NO WASTE DISPOSAL CONSIDERATIONS WITH THIS PRODUCT. USER SHOULD CONSIDER AREAS THAT MAY BE IMPACTED BY THIS PRODUCT WHEN DECIDING ON DISPOSAL METHODS. BECAUSE OF THE NATURE OF THIS PRODUCT, IT MAY BE DISPOSED OF USING THE BEST METHOD TO ENHANCE THE ENVIRONMENT.
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SECTION 14 - TRANSPORT INFORMATION

GENERAL INFORMATION:	NOT HAZARDOUS. ACCORDING TO: RID, ADR, ADNR, IMDG, IATA-DGR, CFR & TDG
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SECTION 15 - REGULATORY INFORMATION

TSCA INVENTORY STATUS:	THIS PRODUCT AND/ OR ALL OF ITS COMPONENTS ARE EITHER INCLUDED ON OR EXEMPT FROM THE TSCA INVENTORY OF CHEMICAL SUBSTANCES.
SARA 311/312 HAZARD CATEGORIES:	NONE.
TSCA 12[b] COMPONENTS:	NONE.
SARA 313 TOXIC CHEMICALS:	NONE.
SARA 302 EXTREMELY HAZARDOUS SUBSTANCES:	NONE.
CERCLA HAZARDOUS CHEMICALS:	NONE.
CALIFORNIA PROPOSITION 65:	NO LISTED CHEMICALS ARE PRESENT.

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SECTION 16 – OTHER INFORMATION

NFPA RATING (US)	VALUE
HEALTH	1
FIRE	0
REACTIVITY	0
SPECIAL HAZARD	0

HMIS RATING (US)	VALUE
HEALTH	1
FIRE	0
REACTIVITY	0
SPECIAL HAZARD	0

Bio-W™ IS A REGISTERED TRADEMARK OF ENVIROLOGIC BIO-BASED TECHNOLOGIES, INC.

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END OF DATA SHEET

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