1 Identification

1.1 Product identifier:

Product name: EZ Reach Sponge Sampler with Polyurethane Sponge, 24 oz Sample Bag and 10 ml of HiCap Neutralizing Broth
Item number: EZ-10HC-PUR
Recommended use(s) of the product: Sampling of surfaces for microorganisms
Uses of the product not advised:

1.2 Details of the supplier of the safety data sheet:

Company information:
World Bioproducts LLC
17280 Woodinville-Redmond Rd NE, Suite B-818
Woodinville, WA 98072
Telephone 425-242-4153
FAX 425-486-1507
Email info@worldbioproducts.net

1.3 Emergency telephone:

Emergency phone #: 877-260-6441

2 Hazards Identification

2.1 Classification of the substance or mixture:

The mixture is not classified according to the Globally Harmonized System (GHS)

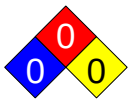
2.2 Classification according to 67/548/EEC or 1999/45/EC:

The product contains no hazardous materials, or concentrations of materials of all constituents in this product are below regulatory limits, as described by OSHA 29 CFR 1910.1200, Canada's WHMIS, and EC directives 67/548/EEC and 1999/45/EC

2.3 GHS label elements, including precautionary statements:

GHS label: Void
Hazard Pictogram/Symbols: Void
Hazard statements: Void
Precautionary statements: Void

2.4 NFPA ratings (scale 0-4)



Health = 0
Flammability = 0
Reactivity = 0

2.5 HMIS ratings (scale 0-4)

Health = 0
Flammability = 0
Reactivity = 0

2.6 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

3 Composition/Information on Ingredients

3.1 Chemical Characterization: Mixture

This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory limit threshold limits according to OSHA 29 CFR 1910.1200, Canada's WHMIS, and EC directives 67/548/EEC and 1999/45/EC. No components need to be disclosed according to applicable regulations.

3.2 Form:

Sampling device is comprised of a solution to hydrate a polyurethane sponge, a sample bag made with a polyethylene/nylon laminated film and a galvanized steel wire covered by a pressure sensitive tape, and a handle and paddle made of polypropylene. With proper aseptic sampling technique, the solution in this device will not come in contact with user.

4 First Aid Measures

4.1 General information:

No special measures expected

4.2 In case of skin contact:

Immediately wash with plenty water and soap; rinse thoroughly with water

If rash or irritation appear, get medical attention

4.2 In case of ingestion:

Rinse mouth with water

Never give anything by mouth to an unconscious person

4.3 In case of inhalation:

Move the victim to fresh air and consult doctor with any breathing difficulty

In case of irregular breathing or respiratory arrest, provide artificial respiration

4.4 In case of eye contact:

Immediately wash eye with plenty of water for at least 15 minutes lifting eyelids

4.5 Most important symptoms or effects, both acute and delayed: May cause irritation

4.6 Indication of any immediate medical attention and special treatment needed: no data available

5 Fire-Fighting Measures

5.1 Extinguishing media:

Use water spray, ABC multipurpose dry chemical, carbon dioxide, or alcohol resistant foam

5.2 Special hazards arising from the product:

Burning plastic (polyethylene, nylon, polyurethane foam and polypropylene) will give rise to toxic fumes and smoke. Decomposition products may include carbon and nitrogen oxides as well as trace amounts of cyanide (CN-) fumes from the burning of polyurethane foam and trace amounts of acrolein, formaldehyde, and other organic vapors from the burning of polypropylene.

5.3 Advice for firefighters:

Keep product exposed to fire cool by spraying with water
Use positive-pressure breathing apparatus
Wear chemical protection suit

6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear protective clothing as recommended in section 8

6.2 Environmental precautions:

None. Wipe up with a damp sponge or mop

6.3 Reference to other sections:

See Section 7

7 Handling and Storage

7.1 Handling:

Handle according to Good Laboratory Practices
Do not eat, drink or smoke when using this product
Avoid contact with skin and eyes
Eyewash bottles should be available
Wash hands after using this product

7.2 Storage:

Keep individual sampling devices sealed in zip lock pouch. Store boxes in a dry environment at ambient temperatures

7.3 Specific end use(s)

For the sampling of surfaces for microorganisms

8 Exposure Controls/Personal Protection

8.1 Control parameters:

Contains no substances with occupational exposure limit values

8.2 Exposure controls:

Handle according to Good Laboratory Practices

8.3 Protection of the hands:

Wear chemical resistant gloves (e.g. nitrile, or equivalent)

8.4 Protection of the eyes:

Wear safety glasses approved to NIOSH or EN 166 standards

8.5 Protection of the body:

Wear a laboratory coat

9 Physical and Chemical Properties

9.1 Appearance/odor:

Form: Sample bag with wire tie containing a polyurethane sponge wrapped around a polypropylene handle; sponge hydrated with HiCap Neutralizing Broth solution.
Color: Solution when squeezed from white sponge has a tan color
Odor: Characteristic of a protein containing culture medium

9.2 Properties:

pH: Neutral
Melting point/range: No information available
Boiling point/range: No information available
Boiling point/boiling range: No information available
Flash point: No information available
Evaporation rate: No information available
Flammability: No information available
Vapor pressure: No information available
Vapor density: No information available
Auto igniting: Product is not self-igniting
Danger of explosion: Product does not present an explosion hazard
Density: No information available
Solubility in water: Soluble

Oxidizing properties: No information available
Viscosity: No information available

10 Stability and Reactivity

Reactivity: No information available

Chemical stability: Considered stable under normal conditions

Possibility of hazardous reactions: No hazardous reactions known if used for its intended purpose

Conditions to be avoided: No further relevant information available

Incompatible materials: No information is available

Hazardous decomposition products: Burning plastic (polyethylene, nylon, polyurethane foam and polypropylene) will give rise to toxic fumes and smoke. Decomposition products may include carbon and nitrogen oxides as well as trace amounts of cyanide (CN-) fumes from the burning of polyurethane foam and trace amounts of acrolein, formaldehyde, and other organic vapors from the burning of polypropylene.

11 Toxicological Information

11.1 Information on toxicological effects:

Acute toxicity: No experimental data available

Primary irritant effect: May cause irritation of skin or redness. May cause irritation of eyes or redness

No evidence of carcinogenic effects (No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or anticipated to be a carcinogen by OSHA or NTP.)

No evidence of mutagenic effects

No information of teratogenic effects

Hazardous properties are unlikely when handled according to intended use.

12 Ecological Information

12.1 Toxicity:

Aquatic toxicity: No information available

Persistence and degradability: No information available

12.2 Behavior in environmental systems:

Bioaccumulative potential: No information available

Mobility in soil: No information available

12.3 Results of PBT and vPvB Assessment

PBT: Not applicable

vPvB: Not applicable

12.4 Other information:

To the best of our knowledge, the properties of this material have not been fully evaluated. No environmental hazard is anticipated when the material is used as intended and disposed of properly.

13 Disposal considerations

13.1 Waste treatment methods:

Disposal should be in accordance with local, state or national statutes

The device itself is not biohazardous. High levels of microorganisms may be obtained with incubation of the device and/or if additional nutritive solutions are added to the device followed by incubation. If this is the case, follow Good Laboratory Practices for effective decontamination before disposal.

Refer to manufacturer for information on recycling.

14 Transport Information

UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class: Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: Not applicable
DOT (US): Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

15 Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical safety assessment: No information is available
SARA Section 355 (extremely hazardous substances): None of the ingredients is listed
SARA Section 313 (specific toxic chemical listings): None of the ingredients is listed

California Prop. 65 Components: The product does not contain any chemicals identified by the State of California to cause cancer, birth defects, or any other reproductive harm.

16 Other Information

The information provided herein is correct to the best of our knowledge, information, and belief at the date of this publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not considered a warranty or quality specification. World Bioproducts assumes no liability whatsoever for the accuracy or completeness of the information stated in this Safety Data Sheet. Final determination of the suitability and purpose of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Abbreviations and acronyms:

DOT	Department of Transportation (U.S.)
GHS	Globally Harmonized System
HMIS	Hazardous Materials Identification System (U.S.)
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
NFPA	National Fire Protection Association (U.S.)
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration (U.S.)
PBT	Persistent Bioaccumulative and Toxic (PBT) Chemical Program (U.S.)
SARA	Superfund Amendments and Reauthorization Act (U.S.)
vPvB	very Persistent and very Bioaccumulative (U.S.)
WHMIS	Workplace Hazardous Materials Information System (Canada)