

## Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product Name: **MicroSnap™ Enterobacteriaceae (Enrichment & Detection Device)**  
 Product Number: MS1-EB and MS2-EB  
 Brand: Hygiena

#### 1.2 Recommended use and restrictions on use

Identified use: Rapid Detection of Enterobacteriaceae Bacteria  
 Restriction on use: Use per manufacturer's instructions only

#### 1.3 Details of the supplier of the safety data sheet

Company: Hygiena USA  
 941 Avenida Acaso  
 Camarillo, CA 93012  
 USA  
 Telephone: 805-388-8007  
 Fax: 805-388-5531  
 E-mail: info@hygiena.com

#### 1.4 Emergency telephone number

Emergency Phone: 1-888-494-4362

### 2. HAZARDS IDENTIFICATION

#### 2.1 Hazard Classification:

Not classified as hazardous according to OSHA Hazard Communication Standard 29 CFR 1910.1200, Regulation EC No. 1272:2008 [CLP/GHS] and WHIMS 2015 (HPR) Hazardous Products Regulation SOR 2015-17.

#### 2.2 Label elements:

Not applicable

##### Pictograms:

Not applicable

##### Hazard codes:

Not applicable

#### 2.3 Hazards not otherwise clarified:

None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient (MS1-EB: Enrichment)	CAS #	% by Wt
Sodium Hydroxide Solution ( $\geq 5$ - $< 10\%$ )	1310-73-2	$< 0.001\%$
Ingredient (MS2-EB: Detection)	CAS #	% by Wt
BES Free Acid	10191-18-1	$< 0.100\%$
Potassium Hydroxide	1310-58-3	$< 0.014\%$
Benzethonium Chloride	121-54-0	$< 0.060\%$

**FORM:** The test consists of two devices, Enrichment and Detection Device. When used according to manufacturer's instructions; the liquid stable reagents will not come in contact with the operator.

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

#### 4.2 Inhalation:

If breathed in, move person into fresh air. If not breathing give artificial respiration.

#### 4.3 Skin contact:

Wash with soap and plenty of water.

#### 4.4 Eye contact:

Flush eyes with copious amounts of water.

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**4. FIRST AID MEASURES (Continued)****4.5 If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water and seek medical advice.

**4.6 Most important symptoms and effects, both acute and delayed**

None anticipated.

**4.7 Indication of any immediate medical attention and special treatment needed**

Not anticipated.

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**5. FIRE-FIGHTING MEASURES****5.1 Extinguishing media****Suitable extinguishing media**

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

**5.2 Special hazards arising from the substance or mixture**

Not readily combustible. Burning plastic will give out fumes.

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

Use water spray to cool unopened containers.

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**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions protective equipment and emergency procedure**

Wear appropriate protective clothing. No special personal protective equipment required.

**6.2 Environmental precautions**

None.

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

Dilute with water and flush to waste.

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**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Handle according to GLP (Good Laboratory Practice) use as directed by manufacturer.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep refrigerated between 2-8°C and keep in foil bag to protect from light.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls****Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands after use.

**Personal protective equipment****Eye/face protection**

Safety glasses.

**Skin/hand protection**

For prolonged or repeat contact use protective gloves.

**Respiratory protection**

Respiratory protection is not required for intended use.

**Control of environmental exposure**

Do not let product enter drains.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**
**9.1 Information on basic physical and chemical properties**

a)	Appearance	Form: Liquid in bulb of device, plastic tube with extrusion/swab and solution.
b)		Color: Clear
c)	Odor	Odorless
d)	Odor Threshold	Not applicable
e)	pH	Neutral
f)	Melting point/ freezing point	No data available
g)	Initial boiling point and boiling range	No data available
h)	Flash point	No data available
i)	Evaporation rate	No data available
j)	Flammability (solid, gas)	Not applicable
k)	Upper/lower flammability or explosive limits	No data available
l)	Vapour pressure	No data available
m)	Vapour density	No data available
n)	Specific Gravity	No data available
o)	Water solubility	Readily miscible with water
p)	Partition coefficient: n-octanol/water	No data available
q)	Auto-ignition temperature	Not applicable
r)	Decomposition temperature	No data available
s)	Viscosity	No data available
t)	Explosive properties	No data available
u)	Oxidizing properties	No data available

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**10. STABILITY AND REACTIVITY**
**10.1 Reactivity**

Product is considered non reactive under normal intended use.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.2 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

Heat and direct sunlight.

**10.5 Incompatible materials**

No data available.

**10.6 Hazardous decomposition products**

Carbon and Nitrogen oxides from burning plastic.

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**11. TOXICOLOGICAL INFORMATION**
**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

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**11. TOXICOLOGICAL INFORMATION (Continued)****Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: Not available

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**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

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**13. DISPOSAL CONSIDERATIONS****Product**

Observe local, State and Federal environmental regulations. The device itself is not bio hazardous. If the sample collected gives a positive result then dispose of device as bio hazardous material per Good Laboratory Practices.

**Contaminated packaging**

Dispose of as unused product.

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**14. TRANSPORT INFORMATION****DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

No special precautions needed for transport either within or outside premises.

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**15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of OSHA Hazard Communication Standard 29 CFR 1910.1200, Regulation EC No. 1272:2008 [CLP/GHS] and WHIMIS 2015 (HPR) Hazardous Products Regulation SOR 2015-17.

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

No data available

**SARA 302 Components**

No components are subject to reporting levels established by SARA Title III, Section 302.

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Components****No SARA Hazards**

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**15. REGULATORY INFORMATION (Continued)****Massachusetts Right To Know Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by Massachusetts Right To Know.

**Pennsylvania Right To Know Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by Pennsylvania Right To Know.

**New Jersey Right To Know Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by New Jersey Right To Know.

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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**16. OTHER INFORMATION**

The product is non hazardous according to OSHA Hazard Communication Standard 29 CFR 1910.1200, EC No. 1272:2008 [CLP/GSH] and WHIMS 2015 HPR Hazardous Products Regulation SOR 2015-17, and therefore the product is not considered hazardous.

The information on this SDS is based on the SDSs for the ingredients provided by the manufacturers.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Hygiena and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

**Preparation Information**

Hygiena USA  
Product Safety  
1-888-494-4362

Issued Date: 10/31/16

Revision: B

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**End of Safety Data Sheet**

*Distributed by:*

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INC.  
800-826-8302 nelsonjameson.com