



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 (≥ 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.

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.

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.

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.

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

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.

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	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

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.

11. TOXICOLOGICAL INFORMATION

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available

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

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

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.

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.

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

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.

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

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Revision: B

End of Safety Data Sheet