

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

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

1.2 Recommended use and restrictions on use

Identified use: Total Viable Bacteria Test
 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	CAS #	% by Wt
Benzethonium Chloride	121-54-0	< 0.1%
Potassium Hydroxide	1310-58-3	< 0.1%
Sodium Hydroxide Solution	1310-73-2	< 0.1%
DL-Dithiothreitol	3483-12-3	≤ 0.1%
BES Free Acid	10191-18-1	< 0.1%

FORM: Liquid reagent contained in the bulb of device 1.2mL. Pre moistened swab (Butterfields Solution) in plastic tube < 0.2mL. 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:

No need for first aid is anticipated.

4.3 Skin contact:

Wash off with soap and plenty of water. If you are concerned get medical advice.

4. FIRST AID MEASURES (Continued)**4.4 Eye contact:**

Flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If symptoms persist, get medical attention.

4.5 If swallowed

Rinse mouth with water. If you feel unwell, get medical attention.

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

None inherent in the products. Burning plastic will create carbon and nitrogen oxides.

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**

Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Contain spill, collect using commercially available inorganic absorbent material and place in container for disposal according to local regulations (see section 13).

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

Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store at 2 – 8°C in original packaging. No incompatibilities noted.

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**

None required.

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**

No eye protection required, safety goggles may be used for added protection.

Skin/hand protection

No protective gloves are required, but may be used for added protection. Wash hands after use.

Respiratory protection

Respiratory protection is not required for intended use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)**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 reagent contained in the bulb of device 1.2mL. Pre moistened swab (Butterfields Solution) in plastic tube < 0.2mL. When used according to manufacturer's instructions; the liquid stable reagents will not come in contact with the operator.
b)		Color: Light Straw color
c)	Odor	Odorless
d)	Odor Threshold	Not applicable
e)	pH	No data available
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

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.

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 WHIMS 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.

15. REGULATORY INFORMATION (Continued)**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

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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End of Safety Data Sheet

Distributed by:

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INC.
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