

Material Safety Data Sheet

Self-Contained Biological Indicators

SECTION I: IDENTIFICATION

Manufactured for : ETIGAM bv
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The Netherlands
Telephone : +31 (0)55 521 17 21
Product Name : Self-Contained Biological Indicators (Etigam NSC-E#).
Product Description : Self-Contained Biological Indicators used to monitor EO Gas sterilizer performance.

SECTION II: HAZARDS IDENTIFICATION

This device contains glass and liquid which upon accident, may enter the skin or eye causing minor injury or irritation.

SECTION III: COMPOSITION/INGREDIENTS

Culture Media Composition : Soybean casein digest, pH indicator and proprietary formulation. Non-hazardous.
Biological Information : Bacterial spores obtained from traceable source. Naturally occurring. Non-pathogenic.

SECTION IV: FIRST-AID MEASURES

Skin Contact : No skin irritation is expected under normal circumstances. If liquid media comes in contact with the skin, wash with soap and water. If media ampule breaks, glass may enter the hands or fingers. Remove splinters with tweezers and apply disinfectant to cut areas.
Eye Contact : In case of liquid contact with eyes, flush with water. If media ampule breaks, glass splinters may enter the eye. Do not rub eye. Flush with water. If glass cannot be dislodged with water, medical assistance may be required.
Inhalation : Not a likely route of exposure.
Ingestion : Not a likely route to exposure.

NOTE: there are no known health hazards from exposure to spores contained in this product.

SECTION V: FIRE MEASURES

N/A

SECTION VI: ACCIDENTAL RELEASE MEASURES

Clean and disinfect area spill.

SECTION VII: HANDLING AND STORAGE

Store at controlled room temperature as defined by the United States Pharmacopeia.
Protect from light, chemicals and sterilants (e.g. ethylene oxide), excessive heat and moisture. Optimal humidity range for long term storage is 20 to 70%. Do not desiccate.

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	: N/A
Specific Engineering Controls	: N/A
Personal Protective Equipment	: Appropriate gloves and safety glasses should be worn when removing this product from the sterilizer, activating, or cleaning spilled media/broken glass.

SECTION IX: PHYSICAL PROPERTIES

Odor and Appearance	: The NSC Self-Contained biological indicators consists of inoculated paper discs and glass media ampules.
Specific Gravity	: N/A
Evaporation Rate	: N/A
pH	: N/A
Vapor Pressure	: N/A
Vapor Density	: N/A
Boiling Point	: N/A
Freezing Point	: N/A
Odor Threshold	: N/A
Solubility in Water	: N/A

SECTION X: STABILITY AND REACTIVITY

Chemically Stable	: Stable at exposure temperatures and normal storage conditions.
Incompatibility	: N/A
Reactivity	: N/A
Hazardous Decomposition Products	: N/A

SECTION XI: TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	: N/A
Effects of Chronic Exposure	: N/A
Irritancy of Product	: N/A
Skin Sensitization	: N/A
Respiratory Sensitization	: N/A
Carcinogenicity	: N/A
Reproductive Toxicity	: N/A
Teratogenicity	: N/A
Embryo Toxicity	: N/A
Mutagenicity	: N/A
Synergistic Products	: N/A

SECTION XII: ECOLOGICAL INFORMATION

This product contains no known ecological hazards. The spores it contains are non-pathogenic and found in nature. The chemicals it contains are non-toxic biological nutrients and a non-toxic pH indicator.

SECTION XIII: DISPOSAL

Autoclave at 121°C for 30 minutes prior to disposal or incinerate.

SECTION XIV: TRANSPORT

No special shipping precautions.

SECTION XV: REGULATORY INFORMATION

N/A

SECTION XVI: OTHER

See instructions for use provided in each box of product.

The above information is based on data considered accurate at the date of preparation. However no warranty is expressed or implied regarding the accuracy of this data. Etigam assumes no legal responsibility for use or reliance upon these data. The information is not all inclusive and shall be used only as a guide.