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## Material Safety Data Sheet

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### 1: Identification of the substance/mixture and of the company/undertaking

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- 1.1 Product Type or Synonym:**  
Etigam Chemical Sterilization Process indicators.
- 1.2 Relevant identified uses of the article and uses advised against.**
- 1.2.1 Relevant uses:**  
Self-adhesive label provided with ink and or coating sensitive for the relevant sterilization process in order to provide visual evidence of exposure toward this process.
- 1.2.2 Uses advised against:** However sensitive for exposure level not to be used as dosimeter.
- 1.3 Details of the supplier of the safety data sheet**  
Etigam bv [Manufacturer]  
Prinsenweide 30  
7317 BB Apeldoorn +31 (0)55 521 1721  
The Netherlands [info@etigam.nl](mailto:info@etigam.nl).
- 1.4 Emergency telephone number:**  
See section 1.3

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### 2 Hazards identification

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- 2.1 Classification of the substance or mixture:**  
The product is not classified as dangerous according to EC 1272/2008
- 2.2 Label elements:** not applicable
- Signal word:** not applicable
- Hazard statements:** not applicable
- Precautionary statements:** not applicable
- Supplemental Hazard information:** not applicable
- 2.3 Other hazards** not applicable

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### 3 Composition/information on ingredients

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#### 3.1 Substance

Not applicable

#### 3.2 Mixture:

Product is label material with is based on paper, adhesive applied with a printed or coated layer or a ink. The composition does not contain hazardous components

<b>Paper:</b>	Wood free	80-95	weight %
<b>Adhesive:</b>	Permanent acrylic based adhesive	5-20	weight %
<b>Ink/coating:</b>	Proprietary formulation	0-1	weight %

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### 4 First aid measures

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#### 4.1 Description of first aid measures.

**General:** First aid measures are not anticipated

**Skin contact:** First aid measures are not anticipated

**Eye contact:** First aid measures are not anticipated.

**Inhalation:** First aid measures are not anticipated

**Ingestion:** First aid measures are not anticipated

#### 4.2 Most important symptoms and effect, both acute and delayed

Not applicable

#### 4.3 Indication of any immediate medical and special treatment needed

Not applicable.

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### 5 Firefighting measures

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**5.1 Extinguishing media:** All Suitable extinguishing media: Water, foam CO2 or chemical powder.

**5.2 Special hazards arising from the substance or mixture:** Not applicable

**5.3 Advice for firefighters:** Not applicable

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### 6 Accidental release measures

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**No release measures applicable.**

**6.1 Personal precautions, protective equipment and emergency procedures**

**6.2 Environmental precautions**

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

**6.4 Reference to other sections** Not applicable.

## 7 Handling and Storage

### 7.1 Precautions for safe handling:

**7.1.1 Protective measures:** In accordance with good industrial practices, handle with care.

**7.1.2 Advice on general occupational hygiene**  
Not applicable

### 7.2 Conditions for safe storage including any incompatibilities

Keep out of direct sunlight and away from heat sources preferable in original packaging, and according to product label instruction.

Avoid temperatures above 30°C and high humidity >70% RH

### 7.3 Specific end use(s):

Not applicable

## 8 Exposure controls / Personal protection

### 8.1 Control parameters

**8.1.1 Occupational exposure limits** not applicable

**8.1.2 Additional exposure limits under the conditions of use** not applicable

**8.1.3 DNEL/DMEL and PNEC-values.** not applicable

### 8.2 Exposure controls

**8.2.1 Appropriate engineering controls:** No specific controls are needed. Provide adequate general and local exhaust ventilation to maintain healthful working conditions in accordance with good practice.

**8.2.2 Individual protective measures, such as personal protective equipment**

**Eye/face protection:** Use of safety glasses or goggles is recommended in order to prevent contact with paper and dust

**Skin:** Gloves may be used to prevent paper cuts.

**Respiratory protection:** Not required in ordinary use.

**Thermal hazards:** not applicable

**8.2.3 Environmental exposure controls :** not applicable

## 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Appearance** : Coated or printed paper with pressure-sensitive adhesive on backside protected with a paper backing.

**Physical state** : Solid, sticky adhesive layer

**Odor** : Mild acrylic or rubber odor when the backing is removed

**Odor Threshold** : Not available

**Specific Gravity** : Not available

**Evaporation Rate** : Not available

**pH** : Not available

**Vapor Density** : Not available

**Boiling Point** : Not available

Material Safety Data Sheet  
According (EC) No 1907/2006  
modified to 878/2020 Version 4.0 Annex II

Coefficient of  
**Water/Oil Distribution** : Not available  
**Vapor Pressure** : Not available  
**Freezing Point:** : Not available  
**Solubility in Water** : Not available  
**Oxidizing properties** : Not available  
**Explosive properties** : Not available  
**Decomposition temp.** : Not available

## 10 Stability and reactivity

10.1	Reactivity	: stable under normal conditions
10.2	Chemical stability	: stable under normal conditions
10.3	Possibility of hazardous reactions	: not applicable
10.4	Conditions to avoid	: Exposure to open flames.
10.5	Incompatible materials	: Strong oxidizers, acids, bases.
10.6	Hazardous decomposition products	: Fire combustion gases will include CO, CO <sub>2</sub> , other hydrocarbons and water.

## 11 Toxicological Information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	: not classified
Skin corrosion/irritation	: not determined
Serious eye damage/irritation	: not determined
Respiratory or skin sensitization	: not determined
Germ cell mutagenicity	: not determined
Carcinogenicity	: not determined
Reproductive toxicity	: not determined
STOT-single exposure	: not determined
STOT -repeated exposure	: not determined
Aspiration hazard	: not determined

### 11.2 Information on other hazards

## 12 Ecological Information

12.1 Toxicity	: not available
12.2 Persistence and degradability	: not available
12.3 Bio accumulative potential	: not available
12.4 Mobility in soil	: not available
12.5 Results of PBT and vPvB assessment	: not available
12.6 Endocrine disrupting properties	: not available
12.7 Other adverse effects.	: not available

## 13 Disposal considerations

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### 13.1 Waste treatment methods

Recycle, landfill or incinerate in accordance with applicable federal, state and local regulations.

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## 14 Transport information

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*No special shipping precautions not considered as a dangerous good according to IATA,IMDG AND,ADR, RID*

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## 15 Regulatory Information

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

*Contains no substance as on the REACH Candidate List*

*Contains no REACH Annex XIV substances.*

*Contains no REACH substances with Annex XVII restrictions*

### 15.2 Chemical safety assessment: Not required.

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## 16 Other information

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### Notice to the reader

*The data given here is based on current knowledge and experience. The purpose of this Material Safety Data Sheet is to describe the product in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.*