



# Product SDS

Reference date: 3/2009 Revision date: 7/28/14

## 01. Identification of the substance/mixture and of the company

Product name: SteriTec Cross-Check EO Steam Integrator

Code number(s): CI-106

Purpose of product: An economical, Class 4 inside-the-pack integrator to check proper time, temperature, humidity, and ethylene oxide concentration. Requires all parameters for EtO gas sterilization to be met. The distinctive yellow to brown color change is not reversible. The indicator is plastic laminated to eliminate the potential for ink transfer. The color standard arrow is printed on each indicator providing an easy to interpret pass/fail test.

Manufacturer/supplier: Healthmark Industries Co.

Address: 33671 Doreka Drive / Fraser, MI 48026

Telephone/Fax/Email: (800) 521-6224 / (586) 491-2113 / healthmark@hmark.com

Emergency telephone number: (800) 424-9300 (24 hour service)

## 02. Hazards identifications

Classification of the substance or mixture: n/a

Adverse environmental and human health effects: This product presents no health or physical hazards under normal conditions of use. Inhalation of decomposition products for burns may cause eye and respiratory irritation. This product is essentially non-irritating to the skin. Prolonged exposure to skin is not likely to result in material being absorbed through skin in harmful amounts.

## 03. Composition/information on ingredients

Description of the mixture:

| Component              | CAS #     | % weight | OSHA PEL mg/m <sup>3</sup> | ACGIH TLV mg/m <sup>3</sup> |
|------------------------|-----------|----------|----------------------------|-----------------------------|
| Niacinamide            | 98-92-0   | 0.21     | N.E.                       | N.E.                        |
| Isonicotinic           | 54-85-3   | 0.14     | N.E.                       | N.E.                        |
| Magnesium silicate     | 1408-96-6 | 0.14     | 2                          | 2                           |
| Non-hazardous material |           | 99.5     | n/a                        | n/a                         |

Hazardous ingredients: Niacinamide, isonicotinic, magnesium silicate

## 04. First aid measures

General information: n/a

Following inhalation: Remove the victim to fresh air. If symptoms persist, get prompt medical attention.

Following skin contact: Essentially non-irritating.

Following eye contact: n/a

Following ingestion: Highly unlikely. This product may cause choking if swallowed. Single dose toxicity is believed to be very low.

Notes for the doctor: n/a

#### **05. Firefighting measures**

Suitable extinguishing media: Water

Unsuitable extinguishing media: n/a

Special hazards arising from the substance and combustion products: May generate fumes of carbon dioxide, carbon monoxide, and acrolein.

Advice for firefighters: Wear appropriate protective equipment including respiratory protection as conditions warrant.

#### **06. Accidental release measures**

General information: n/a

Environmental precautions: n/a

Additional information: n/a

#### **07. Handling and storage**

Precautions for safe handling: n/a

Fire Preventions: n/a

Technical measures and storage conditions: Store at room temperature (10-38°C / 50-100°F) and at normal humidity (30-60%).

#### **08. Exposure controls/personal protection**

Control parameters: n/a

Personal protective equipment: None required

Hand protection: None required

Respiratory protection: None required

Eye protection: None required

Advice on general occupational hygiene: n/a

Environmental exposure controls: n/a

#### **09. Physical and chemical properties**

Appearance: Paper product with printed lettering/graphics

Physical state: Solid

Color: White with printed lettering/graphics

Odor: n/a

Safety relevant basic data: n/a

Explosion hazard: n/a

Density: n/a

pH: n/a

Initial boiling point/range: n/a

Solubility: Insoluble

Flash point: n/a

Ignition temperature: n/a

Melting point: n/a

Conditions to avoid: n/a

Incompatible materials: n/a

## **10. Stability and reactivity**

Conditions to avoid: n/a

Incompatible materials: n/a

Hazardous decomposition products: n/a

## **11. Toxicological information**

Information on toxicological effects: n/a

Irritation: n/a

Sensitization: n/a

Inhalation: n/a

Practical experiences: n/a

Ingredient: n/a

## **12. Ecological information**

Terrestrial toxicity: n/a

Aquatic toxicity: n/a

Mobility: n/a

Persistence and degradability: n/a

Bio accumulative potential: n/a

Results of PBT and vPvB assessment: n/a

Other adverse effects: n/a

### **13. Disposal considerations**

Product: Please refer to applicable local, state, and federal regulations.

Contaminated packaging: n/a

Uncontaminated packaging: n/a

### **14. Transport information**

UN-No: n/a

Proper shipping name: n/a

Classification code: n/a

Packing group: n/a

Hazard label: n/a

### **15. Regulatory information**

Material safety evaluation:

EPA SARA 311 Hazardous Classification: n/a

Hazardous Substances: n/a

Reportable Quantity: n/a

TSCA: This product is a manufactured article and is exempt from TSCA regulations.

California Proposition 65: This product contains trace levels of a compound or components known to the state of California to cause birth defects/

Regulation on combustible liquids: n/a

Class according 2009/104/EG (BetrSichV): n/a

Water hazard class: n/a

Storage according TRGS 510 (Storage of hazardous substances in non-stationary containers): n/a

### **16. Other information** n/a

Recommended application: n/a

Relevant R-, H-, and EUH-phrases: n/a

The information supplied in this Safety Data Sheet is designed only as a guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and beliefs at the date of the publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other processes.

2014-07-28 msmith