



Ten Cate Nicolon

# MATERIAL SAFETY DATA SHEET

## Section 1: Identification of the product and the company

Product name: Geolon® PET  
Producer: Ten Cate Nicolon  
Sluiskade NZ 14  
7602 HR Almelo  
Holland  
Tel: +31 546 544481 // Fax: +31 546 544490  
Emergency telephone: Tel: +31 546 544481

## Section 2: Composition

A polyester woven fabric.

## Section 3: Hazards identification

There are no hazards associated with the products for which first aid is required.

## Section 4: Potential effects and First-aid measures

Inhalation: Not likely under normal use  
Skin: May cause irritation, flush with plenty water and soap  
Ingestion: Not likely under normal use  
Eye contact: May cause irritation, flush with plenty water

## Section 5: Fire and explosion hazard data

Suitable extinguishing media: Water, dry chemical, foam or CO<sub>2</sub> extinguisher  
Extinguishing media not to be used: None  
Special fire fighting procedures: Fire-fighters and others who may be exposed to products of combustion should wear full protective clothing and self contained breathing apparatus.  
Unusual fire and explosion hazards: When forced to burn, this product will decompose and emit toxic fumes containing CO, ethylene glycol, aldehydes and other C,H and O compounds varying in chemical structure and molecular weights.



Ten Cate Nicolon

## Section 6: Accidental release measures

Rolls may be heavy; use lifting devices for moving. No environmental threat is expected from release.

## Section 7: Handling and storage

Storage: Store away from oxidising materials, in cool area. Avoid direct sunlight.  
Handling: No special handling unless large rolls are used. Use lifting devices if necessary. If product is molten, avoid contact with skin or eyes.

## Section 8: Exposure controls / Personal protection

Ventilation requirements:	Not required for normal use
Personal protective equipment	
Eye protection:	Safety glasses
Skin protection:	Suitable gloves
Respiratory protection:	Not required under normal use
Other clothing and equipment:	Normal work clothing

## Section 9: Physical and chemical properties

Appearance:	Woven white fabric wound on a metal core
Odour:	No specific odour
pH:	N/A
Boiling point:	N/A
Melting point:	260°C
Flash point:	Not determined
Auto-ignition temperature:	500°C
Explosive properties:	N/A
Oxidising properties:	N/A
Vapour pressure:	N/A
Specific gravity(water=1):	1.3 – 1.4 g/cm <sup>3</sup>
Solubility in water:	Insoluble
Chemical formula:	(C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> ) <sub>x</sub>

## Section 10: Stability and reactivity

Conditions to avoid:	Keep away from sparks or flame
Materials to avoid:	Tends to dissolve in caustic materials
Hazardous decomposition products:	None under normal storage conditions
Hazardous polymerisation:	Will not occur



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### **Section 11: Toxicological information**

Not known toxic reaction under normal conditions; under decompositions conditions toxic fumes.

### **Section 12: Ecological information**

Due to its chemical nature the product is not ecotoxic and not readily biodegradable.

### **Section 13: Disposal considerations**

Spent material should be recycled or disposed according to current regulations.

### **Section 14: Transport information**

Not classified as hazardous

### **Section 15: Regulatory information**

Not classified as hazardous

### **Section 16: Other information**

The information and recommendations contained in this publication have been compiled from source believed to be reliable and to represent the best current opinion on the subject at the time of publication. Since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the recommendations will be adequate for all individuals or situations. Each use of the product should determine the suitability of the described product for his particular purpose and should comply with all federal rules and regulations concerning the described products.

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