

## Combigrid<sup>®</sup> made of polyester (PES/PET)

page 1/3 / date: 27 July 2009

### 1 Identification of the substance/preparation and company

1.1 Trade name: Combigrid<sup>®</sup> made of polyester (PES/PET)

1.2 Manufacturer/Supplier: NAUE GmbH & Co. KG  
Gewerbestr. 2  
D - 32339 Espelkamp-Fiestel  
Phone: +49 5743 41-0  
Fax: +49 5743 41-333

Emergency address: see also: manufacturer/supplier  
Or contact information centre for toxicology, i. e. Berlin  
Phone: +49 30 19240

### 2 Composition Information on ingredients

Chemical characterisation/description: Compound product consisting of a geogrid made of polyester flat bars and a geotextile made of polyester fibres

Substances presenting a health hazard: not applicable

### 3 Possible hazards

Hazards identification: not applicable

### 4 First-aid measures

not applicable

### 5 Fire-fighting measures

Suitable extinguishing media: Water spray stream  
Foam  
Extinguishing powder  
coal dioxyde

Special exposure hazards arising from the substance, its combustion products or resulting gases:

Carbon monoxyde (CO), carbaon dioxyde (CO<sub>2</sub>)

### 6 Accidental release measures

Personal precaution: No special measures necessary.  
Environmental precaution: No special measures necessary.  
Methods for cleaning up: Mechanical cleaning.

## Combigrid<sup>®</sup> made of polyester (PES/PET)

page 2/3 / date: 27 July 2009

### 7 Handling and storage

Handling: No special measures necessary.

Storage: No special requirements.

### 8 Exposure controls and personal protection during preparation of the product

Respiratory protection: No special requirements.

Hand protection: No special requirements.

Eye protection: No special requirements.

Skin protection: No special requirements.

### 9 Physical and chemical properties

Appearance/condition of aggregation: Geogrid/solid

Colour: white/transparent

Odour: odourless

pH-value: not applicable

	<u>Value</u>	<u>Unit</u>
Melting point/melting range:	approx. 250	°C

Flash point:	-	
--------------	---	--

Inflammability:	approx. 510	°C
-----------------	-------------	----

Temperature of decomposition:	-	°C
-------------------------------	---	----

Density at 20 °C:	approx. 1.36	g/cm <sup>3</sup>
-------------------	--------------	-------------------

Solubility/miscibility in/with water:	insoluble	
---------------------------------------	-----------	--

### 10 Stability and reactivity

Conditions to avoid: No decomposition when used in accordance with directive.

Hazardous decomposition products: Carbon monoxide, carbon dioxide

### 11 Toxicological information

Effects which can arise in contact with skin: No irritation.

Effects which can arise in contact with eye: No irritation.

### 12 Ecological information

General advice: At present no effects are known.

## Combigrid<sup>®</sup> made of polyester (PES/PET)

page 3/3 / date: 27 July 2009

### 13 Disposal considerations

Product:

Residual material or excavated geogrids resp. can either be disposed together with soil materials on landfill sites for debris, or with their high thermal values processed into secondary fuels and can be used in the production of cement and energy as a replacement for fossil raw materials.

Contaminated packaging:

Contaminated packaging can also either be disposed together with soil materials on landfill sites for debris, or with their high thermal values processed into secondary fuels and can be used in the production of cement and energy as a replacement for fossil raw materials.

### 14 Transport information

Transport:

No dangerous goods according to national and international transport regulations.

### 15 Regulatory information

Label according to the directive:

No labelling is necessary according to the regulation of the European Community.

### 16 Other information

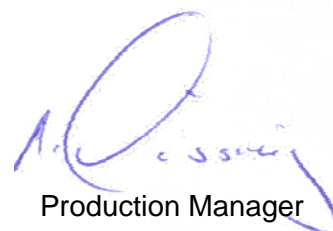
Person to contact:

Mr. Henning Ehrenberg, Mr. Norbert Vissing  
Phone: +49 5743 41-326 or 41-421

NAUE GmbH & Co. KG  
Gewerbestr. 2  
D - 32339 Espelkamp - Fiestel



Quality Manager



Production Manager