



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Version: 4

Language: EN

Revision date: 29.10.2013

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

### 1.1 Product identifier

# VIATOP premium

Pellets

**CAS number:** not relevant  
**EC number (EINECS/ELINCS):** not relevant  
**EC index number:** not relevant  
**REACH registration number:** Do not require registration

### 1.2 Relevant, identified uses of the substance or mixture and uses advised against

**Identified uses of the substance or mixture:** The product is intended for professional use.  
**Not recommended uses of the substance or mixture:** not relevant

### 1.3 Details of the supplier of the safety data sheet

#### Supplier

J.RETTENMAIER & SÖHNE GMBH + CO.KG  
Fibers designed by Nature  
Holzmuehle 1  
D 73494 Rosenberg

**Telephone:** +49 7967 152 0  
**Fax:** +49 7967 152 222

#### Information contact

Information

**Information Telephone:** +49 7967 152 0  
**Information fax:** +49 7967 152 222  
**E-mail (competent person):** [Reinhard.Kurz@irs.de](mailto:Reinhard.Kurz@irs.de)  
**Website:** [www.irs.de](http://www.irs.de)

#### National contact

**Information Telephone:**  
**Information fax:**  
**E-mail (competent person):**  
**Website:**

### 1.4 Emergency telephone number

**Telephone:** +49 7967 152 199

### 1.5 Dept. responsible for information

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008: not relevant

Directive 67/548/EEC: not relevant

### 2.2 Label elements

#### 2.2.1 Labelling according to Regulation (EC) No 1272/2008

not relevant

#### 2.2.2 Labelling according to Directive 67/548/EEC

not relevant

### 2.3 Other hazards

Identification is not obligatory.

Please observe the information on the safety data sheet at all times.

## 3. Composition/information on ingredients

### 3.1 Chemical characterization of the substance or mixture

Pellet of cellulose, calcium carbonate and bitumen

### 3.2 Composition of the substance or mixture

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:
Cellulose	232-674-9	9004-34-6	not relevant	not relevant	72 – 81 %	not relevant	not relevant
Calcium carbonate	207-439.9	471-34-1	not relevant	not relevant	9 – 18 %	not relevant	not relevant
Bitumen	232-490-9	8052-42-4	not relevant	not relevant	10 %	not relevant	not relevant

#### Ingredients with EC exposure limits

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:
not relevant	not relevant	not relevant	not relevant	not relevant	not relevant	not relevant	not relevant

(The wording of the listed risk phrases is given in Chapter 16)

### 3.3 Additional information

The substance does not need registration in accordance with REACH, Annex IV and V.

## 4. First aid measures

### 4.1 Description of first aid measures

**General information:** In all cases of doubt, or when symptoms persist, seek medical advice.

**Following inhalation:** Provide fresh air.

**After skin contact:** not relevant

**Following eye contact:** Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion:** not relevant

**Self-protection:** not relevant

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

**Symptoms:** No symptoms known up to now.  
**Nature of Hazard:** not relevant

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

**Emergency aid:** Treat symptomatically.  
**Treatment:** Treat symptomatically.

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## 5. Fire fighting measures

### 5.1 General information

not relevant

### 5.2 Extinguishing media

**Suitable:** Carbon dioxide. Extinguishing powder.  
**Unsuitable:** Water.

### 5.3 Special hazards arising from the substance or mixture

Carbon monoxide. Carbon dioxide. hydrocarbons.

### 5.4 Advice for fire fighters

#### Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Fire class A (Fires of solids, mainly organic nature, which normally burn down under glow forming).

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## 6. Accidental release measures

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

not relevant

### 6.2 Environmental precautions

No special environmental protection measures are necessary.

### 6.3 Methods and materials for containment and cleaning up

Collect mechanically.

### 6.4 References to other sections

not relevant

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## 7. Handling and storage

### 7.1 Precautions for safe handling

#### Information for safe handling

not relevant

#### Technical measures

not relevant

#### Precautions against fire and explosion

Product is: Combustible.

Keep away from hot surfaces.

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**Additional information**

not relevant

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

not relevant

**Packaging materials**

not relevant

**Requirements for storerooms and containers**

not relevant

**Information about storing together in storage facility**

not relevant

**Further information concerning storage conditions**

Protect against: moisture.

Relative room humidity (%): not relevant

Storage temperature: not relevant

Storage stability: at least 3 years

Maximum period of storage (time): not relevant

**Storage class:** 11 Combustible solids.**7.3 Specific end use(s)**

not relevant

**8. Exposure controls / personal protection****8.1 Control parameters****8.1.1 Limits for occupational exposure****Exposure limit values**

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
Cellulose	9004-34-6	GESTIS	10 mg/m <sup>3</sup>		OEL AU
Cellulose	9004-34-6	GESTIS	10 mg/m <sup>3</sup>		OEL CA – ONTARIO
Cellulose	9004-34-6	GESTIS	10 mg/m <sup>3</sup> inhalable aerosol 4 mg/m <sup>3</sup> respirable aerosol		OEL GB
Cellulose	9004-34-6	GESTIS	10 mg/m <sup>3</sup> inhalable fraction 4 mg/m <sup>3</sup> respirable fraction		OEL IE
Cellulose	9004-34-6	GESTIS	10 mg/m <sup>3</sup>		OEL NZ
Cellulose	9004-34-6	GESTIS	10 mg/m <sup>3</sup> total dust 5 mg/m <sup>3</sup> respirable aerosol		OEL US – NIOSH
Cellulose	9004-34-6	GESTIS	15 mg/m <sup>3</sup> total dust 5 mg/m <sup>3</sup> respirable dust		OEL US-OSHA
Calcium carbonate	471-34-1	GESTIS	10 mg/m <sup>3</sup>		OEL AU
Calcium carbonate	471-34-1	GESTIS	10 mg/m <sup>3</sup> inhalable aerosol 4 mg/m <sup>3</sup> respirable aerosol		OEL GB
Calcium carbonate	471-34-1	GESTIS	10 mg/m <sup>3</sup> inhalable fraction 4 mg/m <sup>3</sup> respirable fraction		OEL IE
Calcium carbonate	471-34-1	GESTIS	10 mg/m <sup>3</sup>		OEL NZ
Calcium carbonate	471-34-1	GESTIS	15 mg/m <sup>3</sup> total dust 5 mg/m <sup>3</sup> respirable dust		OEL US – OSHA
Bitumen	8052-42-4	GESTIS	5 mg/m <sup>3</sup>		OEL AU

Bitumen	8052-42-4	GESTIS	0.5 mg/m <sup>3</sup> inhalable aerosol as benzene-soluble aerosol		OEL CA – ONTARIO
Bitumen	8052-42-4	GESTIS	5 mg/m <sup>3</sup>		OEL GB
Bitumen	8052-42-4	GESTIS	0.5 mg/m <sup>3</sup> inhalable fraction		OEL IE
Bitumen	8052-42-4	GESTIS	5 mg/m <sup>3</sup>		OEL NZ

**EC exposure limit values**

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
not relevant	not relevant	not relevant	not relevant	not relevant	not relevant

**8.1.2 DNEL and PNEC values****DNEL-values**

Substance:	CAS-No.:	DNEL/DMEL	Industry	Professional	consumer
Calcium carbonate	471-34-1	Inhalation Long Term (repeated)	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	not relevant
Bitumen		Inhalation short term (acute)	2.9 mg/m <sup>3</sup>	2.9 mg/m <sup>3</sup>	not relevant

**PNEC-values**

Substance:	CAS-No.:	PNEC	Worker, industry	Worker, professional	consumer
not relevant	not relevant	not relevant	not relevant	not relevant	not relevant

**8.1.3 Control-Banding****Control-Banding**

not relevant

**8.1.4 Additional information**

not relevant

**8.2 Exposure controls****Occupational exposure controls**

not relevant

**Chemical handling**

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

**Personal protection equipment**

not relevant

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

**Hand protection**

Hand protection: not required.

**Eye protection**

Eye protection: not required.

**Skin protection**

Skin protection: not required.

**Environmental exposure controls**

not relevant

**Consumer exposure controls**

not relevant

### 8.3 Exposure scenario

not relevant

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance**

State of matter: Pellets  
 Colour: grey  
 Odour: odourless  
 Odour threshold: not relevant

**Safety relevant basis data**

Parameter	Value	Unit	Remark
Density:	approx. 1.5	g/cm <sup>3</sup>	
Package density:	440 - 510	kg/m <sup>3</sup>	
pH:	6.0 - 8.5		
Melting point / range:			not determined
Boiling temperature / range:			not applicable
Flash point:			not determined
Flammability:			not relevant
Lower flammability limit:			not applicable
Upper flammability limit:			not relevant
Explosion hazard:			not relevant
Lower explosion limit:			not relevant
Upper explosion limit:			not relevant
Ignition temperature:			not determined
Decomposition temperature:	approx. 200	°C	
Oxidizing characteristics:			not oxidizing.
Vapour pressure:			not applicable
Relative vapour density:			not applicable
Speed of vaporization/evaporation rate:			not applicable
Solubility in water:			practically insoluble
Fat solubility:			insoluble
Solubility in:			non-polar solvent (bitumen part)
log P O/W (n-octanol / water):			No data available
Viscosity:			not applicable
Solvent separation test:			not applicable
Solvent content:			not relevant

### 9.2 Other information

not relevant

## 10. Stability and reactivity

### 10.1 Reactivity

not relevant

### 10.2 Chemical stability

not relevant

### 10.3 Possibility of hazardous reactions

not relevant

### 10.4 Conditions to avoid

Decomposition takes place from temperatures above: approx. 200 °C

### 10.5 Incompatible materials

not relevant

### 10.6 Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Hydrocarbons.

### 10.7 Additional information

not relevant

## 11. Toxicological information

### 11.1 Information on toxicological effects

not relevant

#### Acute toxicity

Substance:	CAS-No.:	Toxicological information
not relevant	not relevant	not relevant

#### Specific symptoms in laboratory animals

not relevant

### 11.2 Irritation and etching

#### Irritant effect on the skin

Not an irritant.

#### Irritant effect on the eye

Not an irritant.

#### Irritant effect on the respiratory tract

Not an irritant.

#### Etching

not corrosive

### 11.3 Sensitization

no danger of sensitization.

### 11.4 Repeated dose toxicity

not relevant

### 11.5 CMR effects

#### Carcinogenicity

not relevant

#### Mutagenicity

not relevant

#### Reproductive toxicity

not relevant

### 11.6 General remarks

not relevant

#### Practical experience

not relevant

**Other observations**

not relevant

**Additional information**

not relevant

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**12. Ecological information****12.1 Toxicity**

not relevant

**Eco toxicity**

Substance:	CAS-No.:	Ecotoxicity
not relevant	not relevant	not relevant

**12.2 Persistence and degradability**

not persistent.

**12.3 Bio accumulative potential**

not relevant

**12.4 Mobility in soil**

not relevant

**12.5 Results of PBT and vPvB assessment**

This substance does not meet the criteria for classification as PBT or vPvB.

**12.6 Other adverse effects**

not relevant

**12.7 Further ecological information**

According to the present state of knowledge negative ecological effects are not expected.

**12.8 Further details**

not relevant

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**13. Disposal considerations****13.1 Waste treatment methods****Appropriate disposal/Product**

Waste disposal according to official state regulations.

**Appropriate disposal/ packaging**

Completely emptied packing can be recycled.

**Control report for waste code/ waste marking according to EAKV****Waste key product:** 03 03 99 - wastes not otherwise specified**Waste key packaging:** 15 01 06 - mixed packaging**Remark**

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.



## 14. Transport information

### 14.1 Overland transport (ADR/RID)

Proper Shipping name

UN No.:

Label:

Remark:

Packing Group:

No dangerous good in sense of this transport regulation.

Classification code:

### 14.2 Transport by sea (IMDG)

Proper Shipping name

UN-No.:

Label:

EmS-No:

Special Provisions:

Remark:

Packing Group:

MFAG:

Marine pollutant:

No dangerous good in sense of this transport regulation.

### 14.3 Air transport (ICAO-TI / IATA-DGR)

Proper Shipping name

UN/ID-No.:

Label:

Remark:

Packing Group:

No dangerous good in sense of this transport regulation.

### 14.4 Mail

Not classified for this transport way.

## 15. Regulatory information

### 15.1 Labelling

Hazardous component(s) for labelling

not relevant

Special labelling of particular preparations

not relevant

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

EU-Regulations

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL)

not relevant

Regulation (EC) No 2037/2000 on substances that deplete the ozone layer

not relevant

Regulation (EC) No 850/2004 on persistent organic pollutants

not relevant

Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals

not relevant

Regulation (EC) No 648/2004 (Detergents regulation)

not relevant

**Restrictions under Title VIII of Regulation (EC) No 1907/2006**

not relevant

**National regulations**

Moreover, national legislation has to be observed!

**Information on working limitations**

not relevant

**Major Accidents Ordinance**

not relevant

**Storage class according to VCI**

11 Combustible solids.

**Water Hazard Class according to VwVwS**

0 not a water pollutant

**Technical Instructions on Air Quality Control (TA-Luft)**

not relevant

**Further regulations, limitations and legal requirements**

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

**15.3 Chemical safety assessment**

For this preparation a chemical safety assessment has been carried out: No

**16. Other information****16.1 Wording of the H and R-phrases under paragraph 3****Regulation (EC) No 1272/2008**

not relevant

**Directive 67/548/EEC**

not relevant

**16.2 Training instructions**

not relevant

**16.3 Recommended restrictions of use**

not relevant

**16.4 Further remarks**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge.

The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

The information cannot be transferred to other products.

In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

**16.5 Documentation of changes**

| Data changed compared with the previous version

### **16.6 Data sources**

Data arise from reference works and literature.

GESTIS- substances database

Directive 67/548/EEC

Directive 1999/45/EC

Regulation(EC) 1272/2008 (CLP)

### **16.7 Key and definition**

not relevant

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## **17. Appendix**

### **17.1 Exposure scenario**

not relevant

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