

SAFETY DATA SHEET (EC 1907/2006)

Deguvest Vlies

Version:	1.7 / GB	Material no.	5325400047
Revision date:	21.11.2017	Specification	100378
Issue date:	03.09.2001	VA-Nr	01780187
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name	Deguvest Vlies
REACH Registration No.:	if available listed in Chapter. 3

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

Relevant applications identified	For dental use only.
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1.3. Details of the supplier of the safety data sheet

Company	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	+49 (0)6181/59-5767
Telefax	+49 (0)6181/59-5879
Email address	SDB.Degudent-DE@dentsplysirona.com

1.4. Emergency telephone number

Emergency information	+49 (0)6181/59-50 (This telephone number is available during office hours only.)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Remarks	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
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2.2. Label elements

Labelling as per (EU) 1272/2008

Remarks	Labelling not required according to EU-CLP Ordinance (1272/2008).
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2.3. Other hazards

Mechanical irritation of skin and mucous linings of eyes and respiratory tract may occur.
A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

SECTION 3: Composition/information on ingredients

Information on ingredients / Hazardous components as per EU-CLP Regulation (EC) No. 1272/2008

• alkaline-earth-silicate wools

CAS-No.	436083-99-7
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Texts of H phrases, see in Chapter 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Product dust (fibres) can lead to temporary mechanical irritative effects.

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Skin contact

In case product dust is released:
Upon skin contact, wash with plenty of water.
Wash off with plenty of water and soap.

Eye contact

Possible discomfort is due to foreign substance effect.
Rinse thoroughly with plenty of water keeping eyelid open.
In case of discomfort: Consult an ophthalmologist.

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

Symptoms

None known

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

Product dust (fibres) can lead to temporary mechanical irritative effects.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: All extinguishing substances suitable.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

Extinction measures are to be adjusted to the specific location.
In the event of fire, wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

dust - Prevent release due to wind.
Do not breathe dust.
use respiratory equipment with suitable filter
Avoid contact with skin and eyes.
Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

Introduction into soil, natural water bodies or sewerage must be prevented.

6.3. Methods and material for containment and cleaning up

Use mechanical handling equipment.
To absorb spilled substance an approved industrial vacuum cleaner is recommended. If necessary, the spilled substance should be moistened.

Additional advice

Avoid dust formation.

6.4. Reference to other sections

Wear personal protective equipment; see section 8.
Disposal considerations; see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

During processing dust is released.
Ensure suitable suction/aeration at the work place and with operational machinery.
If workplace exposure limits are exceeded and/or larger amounts are released (leakage, spilling, dust) the indicated respiratory protection should be used.

7.2. Conditions for safe storage, including any incompatibilities

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Advice on protection against fire and explosion

The product itself does not burn.

Storage

Avoid dust formation.
Keep container dry and tightly sealed - even empties.

Advice on common storage

No limitations

German storage class

13 - Non Combustible Solids

7.3. Specific end use(s)

We are unaware of any specific end uses which go beyond the data reported in Section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

• alkaline-earth-silicate wools		
CAS-No.	436083-99-7	
Control parameters	3 mg/m ³	(TRGS 900)
Control parameters	5 mg/m ³ 2,0f/mL	(EH40 WEL)

8.2. Exposure controls

Engineering measures

fibres are released during processing., Provide for suitable mopping up / ventilation at the workplace, the working machines. As far as possible fill and handle the product only in closed systems.

Personal protective equipment

Respiratory protection

In case product dust is released:, Respirator with P2 particle filter

Hand protection

Protective gloves

Eye/face protection

Safety glasses with side-shields

Skin and body protection

Keep working clothes separately., lightweight protective clothing, Preventive skin protection, Use suitable skin protective agents before handling product. Cleanse and apply cream to skin after work. Cleanse skin with soap, then apply skin salve containing grease.

Hygiene measures

All precautionary measures indicated have to be observed., Do not eat, drink, smoke, or sniff while at work. Wash your hands and/or face before breaks and before termination of work., Do not breathe dust., The work-place related airborne concentrations have to be kept below of the indicated exposure limits. If the limits at the workplace are exceeded and/or larger amounts are released (leakage, spilling, etc.) the indicated respiratory protection should be used., If there is the possibility of skin/eye contact, the indicated hand/eye/body protection should be used.

Protective measures

The personal protective equipment used must meet the requirements of directive 89/686/EEC and amendments (CE certification)., It should be defined in the work place in the form of a risk analysis according to directive 89/686/EEC and amendments.

SECTION 9: Physical and chemical properties

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**9.1. Information on basic physical and chemical properties**

Appearance	
Form	solid
Colour	white
Odour	odourless
Odour threshold:	not applicable
pH	not applicable solid
Melting point/range	> 1200 °C
Boiling point/range	not applicable solid
Flash point	not applicable solid
Evaporation rate	not applicable, solid
Flammability (solid, gas)	no data available
Lower explosion limit	not applicable solid
Upper explosion limit	not applicable solid
Vapour pressure	not applicable solid
Density	no data available
Water solubility	insoluble
Partition coefficient: n-octanol/water	not applicable solid
Autoinflammability	Not capable of spontaneous combustion or heating.
Thermal decomposition	No decomposition if stored and applied as directed.
Viscosity, dynamic	not applicable solid
Explosiveness	not explosive
Oxidizing properties	not oxidizing

9.2. Other information

Other information No further physicochemical data were determined.

SECTION 10: Stability and reactivity

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10.1. Reactivity

no data available

10.2. Chemical stability

Under normal conditions: stable.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No dangerous reactions known.

10.4. Conditions to avoid

not known

10.5. Incompatible materials

not known

10.6. Hazardous decomposition products

decomposition products forms if heated above 900°C
Cristobalite

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity	no data available
Acute inhalation toxicity	no data available
Acute dermal toxicity	no data available
Skin irritation	no data available
Eye irritation	no data available
Sensitization	no data available
Repeated dose toxicity	no data available
Mutagenicity assessment	no data available
carcinogenicity assessment	no evidence that cancer may be caused, literature.
Toxicity to reproduction	No data available
Human experience	Mechanical irritation of skin and mucous linings of eyes and respiratory tract may occur.

SECTION 12: Ecological information

12.1. Toxicity

No ecotoxicological data is available for this product.

12.2. Persistence and degradability

Biodegradability no data available

12.3. Bioaccumulative potential

Bioaccumulation no data available

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12.4. Mobility in soil

Mobility No data available

12.5. Results of PBT and vPvB assessment

A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

12.6. Other adverse effects

Further Information No data can be given because of insolubility in water.
Do not allow entrance in sewage water and soil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

SECTION 14: Transport information

Not dangerous according to transport regulations.

14.1. UN number:	--
14.2. UN proper shipping name:	--
14.3. Transport hazard class(es):	--
14.4. Packing group:	--
14.5. Environmental hazards:	--
14.6. Special precautions for user:	No

SECTION 15: Regulatory information

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

National legislation

employment restriction Note employment restrictions for pregnant and lactating women.

15.2. Chemical safety assessment

Chemical safety assessment No Chemical Safety Report as per Articles 2(8), 2(9) or 14 of the REACH Regulation is required for this product.

SECTION 16: Other information

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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Legend

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ASTM	American Society for Testing and Materials
ATP	Adaptation to Technical Progress
BCF	Bioconcentration factor
BetrSichV	German Ordinance on Industrial Safety and Health
c.c.	closed cup
CAS	Chemical Abstract Services
CESIO	European Committee of Organic Surfactants and their Intermediates
ChemG	German Chemicals Act
CMR	carcinogenic-mutagenic-toxic for reproduction
DIN	German Institute for Standardization
DMEL	Derived minimum effect level
DNEL	Derived no effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EC50	half maximal effective concentration
GefStoffV	German Ordinance on Hazardous Substances
GGVSEB	German ordinance for road, rail and inland waterway transportation of dangerous goods
GGVSee	German ordinance for sea transportation of dangerous goods
GLP	Good Laboratory Practice
GMO	Genetic Modified Organism
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ISO	International Organization For Standardization
LOAEL	Lowest observed adverse effect level
LOEL	Lowest observed effect level
NOAEL	No observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
o. c.	open cup
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative, toxic
PEC	Predicted effect concentration
PNEC	Predicted no effect concentration
REACH	REACH registration
RID	Convention concerning International Carriage by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substances of Very High Concern
TA	Technical Instructions
TPR	Third Party Representative (Art. 4)
TRGS	Technical Rules for Hazardous Substances
VCI	German chemical industry association

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vPvB	very persistent, very bioaccumulative
VOC	volatile organic compounds
VwVwS	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
WGK	Water Hazard Class
WHO	World Health Organization