

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### MultiGips PS 300

Revision date: 05.03.2026

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#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

MultiGips PS 300

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

###### Use of the substance/mixture

Covering agents, water based

###### Uses advised against

Recommended use of the chemical and restrictions on use none

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

Company name:	VG-ORTH GmbH & Co. KG	
Street:	Holeburgweg 24	
Place:	D-37627 Stadtoldendorf	
Telephone:	+49 (0) 5532 505-0	Telefax: +49 (0) 5532 505-550
E-mail:	info@vg-orth.de	
E-mail (Contact person):	sdb-info@vg-orth.de	
Internet:	www.vg-orth.com	

##### 1.4. Emergency telephone number:

Germany: Poison centre Charité Berlin: +49 30/30686 700

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

##### 2.2. Label elements

###### Regulation (EC) No 1272/2008

###### Special labelling of certain mixtures

Safety data sheet available on request.

###### Additional advice on labelling

Label elements: none.

##### 2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

The product develops an alkaline pH value with moisture and may then have an irritant effect. The substance/mixture does not contain components with endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

The mixture does not contain substances  $\geq 0.1\%$  of substances that have endocrine disrupting properties according to Regulation (EC) No. 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Chemical characterization

Covering agents, water based

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#### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
1305-62-0	calcium dihydroxide			1 - < 2 %
	215-137-3		01-2119475151-45	
	Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335			

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
1305-62-0	215-137-3	calcium dihydroxide	1 - < 2 %
	dermal: LD50 = > 2500 mg/kg; oral: LD50 = > 2000 mg/kg		

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Never give anything by mouth to an unconscious person or a person with cramps.

Call a doctor if you feel unwell.

Remove affected person from the danger area and lay down.

First aider: Pay attention to self-protection!

##### After inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

##### After contact with skin

Take off contaminated clothing and wash it before reuse. DO NOT use solvents or thinners. IF ON SKIN (or hair):

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

##### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

##### After ingestion

IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Get medical advice/attention.

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

No information available.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

none Full water jet In case of fire: Use carbon dioxide to extinguish. Use water to extinguish. In case of fire: Use sand, extinguishing powder or alcohol-resistant foam to extinguish. Co-ordinate fire-fighting measures to the fire surroundings.

#### 5.2. Special hazards arising from the substance or mixture

Advice for firefighters May form hazardous decomposition products when exposed to high temperatures. Carbon dioxide Hydrocarbons

#### 5.3. Advice for firefighters

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

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#### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Fight fire with normal precautions from a reasonable distance. The product itself does not burn.

### SECTION 6: Accidental release measures

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

##### General advice

Chemical resistant safety shoes Product forms slippery coatings with water. Do not get in eyes, on skin, or on clothing.

#### 6.2. Environmental precautions

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads). Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

##### For containment

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

##### For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Wear personal protection equipment (refer to section 8). No special handling advices are necessary.

##### Advice on protection against fire and explosion

No special fire protection measures are necessary. Keep away from heat. Keep cool. Protect from sunlight. Always close containers tightly after the removal of product.

##### Advice on general occupational hygiene

When using do not eat, drink or smoke. Wash hands and face thoroughly after handling. Take off contaminated clothing and wash it before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

not useable after freezing. Keep away from heat. Protect from direct sunlight.

##### Hints on joint storage

Keep away from: Oxidising agent

#### 7.3. Specific end use(s)

Keine Informationen verfügbar.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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#### Occupational exposure limit values

CAS No	Name of agent	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
1305-62-0	Calcium dihydroxide (respirable fraction)	-	1		TWA (8 h)	
		-	4		STEL (15 min)	

#### 8.2. Exposure controls



#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Use of eye and face protection Wear eye/face protection. goggles

##### Hand protection

Wear protective gloves. Recommended material: NBR (Nitrile rubber)

##### Skin protection

Long-sleeved work clothing.

IF ON SKIN: Wash with plenty of water.

##### Respiratory protection

Usually no personal respiratory protection necessary. During spraying wear suitable respiratory equipment.

### SECTION 9: Physical and chemical properties

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

Physical state:	pastös, flüssig
Colour:	weißlich
Odour:	charakteristisch
Odour threshold:	not determined

#### Test method

Melting point/freezing point:	not determined	
Boiling point or initial boiling point and boiling range:	100 °C	
Flammability:	not determined	
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Flash point:	not applicable	
Auto-ignition temperature:	not determined	
Decomposition temperature:	not determined	
pH-Value (at 20 °C):	12,5	DIN EN ISO 19396-1
Viscosity / kinematic:	not applicable	
Water solubility:	completely miscible	
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:	not determined	
Vapour pressure:	23,4 hPa	
(at 20 °C)		
Density (at 20 °C):	1,66 g/cm <sup>3</sup>	DIN EN ISO 2811
Relative density:	not determined	
Relative vapour density:	not determined	
Particle characteristics:	not determined	

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#### 9.2. Other information

##### Information with regard to physical hazard classes

Explosive properties

Dieses Produkt ist nicht entzündlich.

Sustained combustibility:

No sustained combustibility

Oxidizing properties

The product is not: oxidising.

##### Further Information

Product/Substance is inorganic.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

Protect from sunlight. Keep away from heat. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 10.5. Incompatible materials

Incompatible materials Oxidizing agent Acids and alkalis

#### 10.6. Hazardous decomposition products

No hazardous reaction when handled and stored according to provisions.

##### Further information

No further relevant information available.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Acute toxicity

Based on available data, the classification criteria are not met.

##### ATEmix calculated

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1305-62-0	calcium dihydroxide				
	oral	LD50 mg/kg > 2000	Rat		OECD 425
	dermal	LD50 mg/kg > 2500	Rabbit		OECD 402

##### Irritation and corrosivity

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Skin corrosion/irritation: Based on available data, the classification criteria are not met.  
 Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Product:  
 Species:: human skin

Method: EPISKIN test with artificial skin model  
 Result: non-irritant.

Species:: human (Eye contact)  
 Method: EPISKIN test with artificial skin model  
 Result: non-irritant.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.  
 Carcinogenicity: Based on available data, the classification criteria are not met.  
 Reproductive toxicity: Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

### 11.2. Information on other hazards

#### Endocrine disrupting properties

Based on available data, the classification criteria are not met. The product develops an alkaline pH value with moisture and may then have an irritant effect. The substance/mixture does not contain components with endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

#### Other information

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
1305-62-0	calcium dihydroxide					
	Acute fish toxicity	LC50	50,6 mg/l	96 h		
	Acute algae toxicity	ErC50	48 mg/l	72 h		
	Acute crustacea toxicity	EC50	49,1 mg/l	48 h		
	Algae toxicity	NOEC	48 mg/l	72 d		
	Crustacea toxicity	NOEC	32 mg/l	14 d		

### 12.2. Persistence and degradability

Product/Substance is inorganic. No data available

### 12.3. Bioaccumulative potential

No data available

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#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The product has not been tested.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

To avoid risks to human health and the environment, comply with the instructions for use.

#### **Further information**

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### **Disposal recommendations**

Dispose of contents/container according to national/local hazardous waste disposal regulations. Do not allow to enter into surface water or drains. Completely emptied packages can be recycled.

##### **List of Wastes Code - used product**

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

##### **Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 14.7. Maritime transport in bulk according to IMO instruments

not applicable

### SECTION 15: Regulatory information

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

##### **EU regulatory information**

Directive 2010/75/EU on industrial emissions: 0,5 %

Directive 2004/42/EC on VOC in paints and varnishes: < 1 %; < 10 g/l

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

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#### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

#### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

Skin Irrit: Skin irritation

Eye Dam: Eye damage

STOT SE: Specific target organ toxicity - single exposure

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

EC/EEC: European Community/European Economic Community

EU: European Union

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

M-factor: Multiplying factor

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: volatile organic compound

SVHC: Substance of Very High Concern

Employment restrictions for young people (CH)

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

#### Relevant H and EUH statements (number and full text)

Causes skin irritation.

Causes serious eye damage.

May cause respiratory irritation.

Safety data sheet available on request.

#### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.



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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*