

Safety Data Sheet

according to Regulation (EC) No. 1907/2006, Article 31

Print date: 20.03.2024

Revision date: 13.03.2024

Version 2

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1. Identification of the substance or preparation

1.1 Product identifier:

MultiGips PS 300

1.2 Use of the substance/preparation:

1.2.1. Relevant identified uses

Use of the substance: Construction materials, Construction materials additives

1.2.2. Uses advised against

No additional information available

1.3 Company identification:

VG-ORTH GmbH & Co. KG

Holeburgweg 24

D-37627 Stadtoldendorf

Telephone: +49 5532 505-0 Telefax: +49 5532 505-550

E-Mail: info@multigips.de

E-mail address of competent person responsible for the SDS:

sdb-info@vg-orth.de

E-Mail: info@multigips.de

1.4 Emergency telephone:

Germany: Giftnotruf Berlin +49 30/30686 700

2. Hazards Identification

2.1 Classification of the mixture

Classification according to Regulation (EC) No 1272 (CLP):

The substance is not classified as hazardous according to CLP Regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]: Void

Hazard pictograms: Void

Signal word: Void

2.3 Other hazards

Coating material is highly alkaline. Skin and eyes must therefore be protected from paint splashes.

3. Composition/ Information on ingredients

3.1 Chemical characterization:

Mixture of calcium dihydroxide and components (mineral light aggregate, tenside, cellulose ether)

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Hazardous ingredients:

Calciumdihydroxid CAS Nr.: 1305-62-0 EINECS Nr.:215-137-3 Reg.-Nr: 01-2119475151-45 - xxxx	Eye Dam. 1, H315 Skin Irrit. 2, H318; H335 	$\geq 1\%$ - $< 3\%$ und $\text{pH} \geq 11,5$
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4. First aid measures

4.1 Description of first aid measures

General notes:

No adverse effects are expected during normal use of the substance, however if any effects do appear the following recommendations apply.

After inhalation

Provide fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

After contact with the skin

Wash with plenty of water and soap. Clean contaminated clothing and shoes before use. If necessary seek medical advice.

After contact with the 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.
Remove contact lenses if possible.

After ingestion

Rinse mouth immediately and drink plenty of water. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No known other specific symptoms or effects to date.

4.3 Indication of any immediate medical attention and special treatment

No further relevant information available.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which must not be used for safety reasons

None

5.2 Special hazards arising from the substance or mixture

None

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5.3 Advice for firefighters

Product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Other information

Product setting in contact with water.

The product itself does not burn.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Avoid dust formation.

Use personal protective equipment.

Product forms slippery surface when combined with water.

6.2 Environmental precautions

Do not allow to enter sewers / surface or ground water.

6.3 Methods and materials for retention and cleaning

6.3.1 Prevention of spread

All containers suitable for solids can be used.

6.3.2 Purification process

Absorb with inert liquid-binding material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

6.3.3 More information

None.

6.4 Reference to other sections

Information to safe handling see chapter 7.

Information to personal protective equipment see chapter 8.

Information to disposal considerations see chapter 13.

7. Handling and storage

7.1 Precautions for safe handling

7.1.1 Recommendations for protective measures

No special provisions if the product is used appropriately.

Avoid:

Avoid contact with eyes and skin

Measures to prevent fire:

Product itself does not burn.

No special fire protection measures are necessary.

7.1.2 Advice on general occupational hygiene:

Do not to eat, drink and smoke in work areas. Wash hands after use.

Remove contaminated clothing and protective equipment before entering eating areas.

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7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: For safekeeping leave in original packaging.

Conditions for storage rooms and vessels: Unusable after freezing.

To maintain product quality, store away from heat and direct sunlight. Store in the original container at room temperature. Carefully close opened containers and store upright to prevent any leakage

Storage instructions:

Keep away from oxidizing agents and strongly acidic or alkaline materials.

7.3 Specific end use(s)

No information available.

8. Exposure controls and personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace

CAS-Nr.: 1305-62-0 calcium hydroxide (1 – 10 %)

PNEC water: 490 µg/l

PNEC soil/groundwater: 1080 mg/l

WEL Long-term value: 5 mg/m³

Remark A = alveolar fraction, E = inhalable fraction

8.2 Exposure controls

General protective and hygienic measures

Avoid contact with the eyes and skin.

Preventive skin protection by skin ointment.

Wash hands after use.

Personal protective equipment

Respiratory protection:

When spraying: Do not inhale spray mist. Use combination filter A2/P2.

Hand protection:

By long-term hand contact wear protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves: Cotton gloves impregnated with nitrile.

Penetration time of glove material:

The exact breakthrough time is only available from glove producers.

Eye protection: In case of product splashes use protective glasses.

Body protection: Protective work clothing

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: liquid

Colour: white

Odour: not determined.

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Odour threshold:	not determined.
pH-value	> 11.5
Melting point / freezing point:	0 °C
Initial boiling point and boiling range:	100 °C
Flash point:	not determined.
Evaporation rate:	not determined.
Flammability (solid, gas):	not flammable.
Vapour pressure:	23.4 hPa (20 °C)
Vapour density:	not determined.
relative density	not determined.
Water solubility	soluble

9.2 More information

No further relevant information available.

10. Stability and reactivity

10.1 Reactivity

No materials known.

10.2 Chemical stability

The mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid Protect from frost, heat and sunlight.

10.5 Incompatible materials Incompatible with acids and bases. Incompatible with oxidizing agents.

10.6 Hazardous decomposition products No decomposition if stored and used as intended.

11. Toxicological Information

11.1 Information on toxicological effects

Data based on the mixture

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Toxicity endpoints	Results
Acute toxicity	Available data do not lead to a classification of the mixture. The mixture is not acute toxic according to the evaluation of data for calcium sulfate and calcium hydroxide.
Skin corrosion/irritation	Available data do not lead to a classification of the mixture. <u>Product:</u> Species: human skin Assessment: No skin irritation Method: EPISKIN test with artificial skin model Result: No skin irritation Species: human skin Assessment: No skin irritation Method: EPISKIN test with artificial skin model Result: No skin irritation
Eye damage/irritation	Available data do not lead to a classification of the mixture. <u>Product:</u> Species: Human Assessment: No eye irritation Method: EPISKIN test with artificial skin model Result: No eye irritation
Respiratory or skin sensitisation	Available data do not lead to a classification of the mixture.
Germ cell mutagenicity	Available data do not lead to a classification of the mixture.
Carcinogenicity	Available data do not lead to a classification of the mixture.
Reproductive toxicity	Available data do not lead to a classification of the mixture.
STOT-single exposure	Available data do not lead to a classification of the mixture.
STOT-repeated exposure	Available data do not lead to a classification of the mixture.
Aspiration hazard	Available data do not lead to a classification of the mixture.

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11.2 Information on other hazards

Endocrine disrupting properties

This mixture contains no components that exhibit endocrine disrupting properties in quantities of 0.1% or more.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity

No relevant information available.

12.2 Persistence and degradability

No relevant information available.

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

No additional information available

12.7 Other adverse effects

Additional information: Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

13.1 Product:

Recommendation: Dispose of liquid material residues at the collection point for old paints/varnishes, dispose of dried material residues as construction and demolition waste or as municipal waste or household waste.

EAK/AVV waste code:

080112, waste paints and varnishes other than those mentioned in 08 01 11*.

13.2 Packaging:

Non-contaminated, completely emptied packages may be recycled.

P501: Dispose of contents/container according to national legislation.

14. Transport information

No dangerous good in the sense of these transport regulations.

14.1 **UN number:** None.

14.2 **UN proper shipping name:** Not applicable.

14.3 **Transport hazard class:** Not applicable.

14.4 **Packing group:** Not applicable.

14.5 **Environmental hazards:** None.

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14.6 **Special precautions for user:** None.

14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.

15. Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII): Not applicable

REACH - List of substances of very high concern for authorization (Article 59): None(s)

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable.

Regulation (EU) 2019/1021 on persistent organic pollutants (recast): Not applicable

REACH - List of substances subject to authorization (Annex XIV): None(s)

National regulations/Germany

Reference to AwSV: Water hazard class (WGK) 1, slightly hazardous to water

GISCODE for coating materials:

BSW40 Coating materials, water-based, alkaline (Further information: www.wingis-online.de)

Hazardous Incident Ordinance - 12th BImSchV:

Not subject to the 12th BImSchV (Federal Immission Control Ordinance)

Volatile organic compounds:

Directive 2010/75/EU of the European Parliament and of the Council of November 24, 2010 on industrial emissions (integrated pollution prevention and control)

Content of volatile organic compounds (VOC): 0.5 %

Volatile organic compounds according to Directive 2004/42/EC, < 1 % or < 10 g/l

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this mixture.

16. Other Information

Indication of changes

Replaces version 1 of 12.08.2016

Abbreviations and acronyms

GHS/CLP: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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Relevant R-phrases and/or H-statements (number and full text)

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

Contact:

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Further information

Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship.