



BE SURE. BUILD SURE.

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Safety data sheet **according to Regulation (EC) No 1907/2006, Article 31**

Printing date 14.04.2025

Version number 30 (replaces version 29)

Revision: 14.04.2025

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

· **1.1 Product identifier**

· **Trade name** **EXZELLENT STP 600**

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

No further relevant information available.

· **Application of the substance / the mixture**

Ready-mixed mortar
dry mortar

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:** MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8
D-46238 Bottrop
Tel.: +49(0)2041-101-0
Fax.: +49(0)2041-101-400
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533

· **Informing department:** msds@mc-bauchemie.de

· **1.4 Emergency telephone number:**

Tel.: +49 / (0)700 24112112 (MCR)
Tel.: +1 872 5888271 (MCR)

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

· **2.2 Label elements**

· **Labelling according to**

Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS05

· **Signal word**

Danger

· **Hazard-determining components of labelling:**

Portland cement (low chromate)
Calcium hydroxide

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- **Hazard statements**
 - H315 Causes skin irritation.
 - H318 Causes serious eye damage.
- **Precautionary statements**
 - P280 Wear protective gloves / eye protection / face protection.
 - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P310 Immediately call a POISON CENTER/doctor.
 - P321 Specific treatment (see on this label).
 - P362+P364 Take off contaminated clothing and wash it before reuse.
 - P332+P313 If skin irritation occurs: Get medical advice/attention.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Designation:** Void
- **Identification number(s):** Void
- **3.2 Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

CAS: 1317-65-3 EINECS: 207-439-9	Calcium carbonate substance with a Community workplace exposure limit	60-80%
CAS: 65997-15-1 EINECS: 266-043-4	Portland cement (low chromate) Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	≥10-<20%
CAS: 1305-62-0 EINECS: 215-137-3	Calcium hydroxide Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	≥3-<10%
CAS: 13463-67-7 EINECS: 236-675-5	Titanium dioxide Carc. 2, H351	<1%

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** For all first aid measures: observe self-protection and consult a doctor!
- **After inhalation** Remove people from the dusty area.
- **After skin contact** Remove heavily soiled clothing. Clean with plenty of soap and water.
- **After eye contact** Rinse for 10 minutes under running water with the eyelids open. Always consult an ophthalmologist!

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· **After swallowing**

Do NOT induce vomiting. Rinse mouth with water. Medical attention required.

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SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents** Void

· **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:**

No special measures required.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Not required.

· **6.2 Environmental precautions:**

No special measures required.

· **6.3 Methods and material for containment and cleaning up:** Collect mechanically.

· **6.4 Reference to other sections**

No dangerous materials are released.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

Avoid dust formation! Avoid spraying the ready-to-use cementitious product! Avoid contact with eyes and skin! Clean hands thoroughly at the end of work and before every break! Use skin care products! Change heavily soiled clothing! Change clothes at the end of work! Apply greasy skin protection ointment before starting work and after each break. Observe work restrictions!

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage**

· **Requirements to be met by storerooms and containers:**

Store bags tightly closed; protect from moisture and water!
Store containers tightly closed in a well-ventilated and well-lit room.
Access only for specialised personnel.
Do not store in break rooms, recreation rooms or sanitary facilities or in stairwells, corridors, escape and rescue routes, passages, passageways and confined spaces.

· **Information about storage in one common storage facility:**

Combined storage bans apply from a total storage quantity of 200 kg.

Do not store together with substances of the following LGK: 1; 6.2;

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Storage with substances of the following LGK is only possible under the conditions specified in TRGS 510: 4.1A; 5.1C

· **Further information about storage conditions:**

Store in a dry and frost-free place.

· **Storage class**

13

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Components with critical values that require monitoring at the workplace:**

CAS: 1317-65-3 Calcium carbonate

OEL (Ireland)

Long-term value: 10* 4** mg/m³
*inhalable dust, **respirable dust

CAS: 65997-15-1 Portland cement (low chromate)

OEL (Ireland)

Long-term value: 1 mg/m³
respirable fraction

CAS: 1305-62-0 Calcium hydroxide

OEL (Ireland)

Short-term value: 4 mg/m³
Long-term value: 1 mg/m³
IOELV, respirable fraction

IOELV (European Union)

Short-term value: 4 mg/m³
Long-term value: 1 mg/m³
Respirable fraction

CAS: 13463-67-7 Titanium dioxide

OEL (Ireland)

Long-term value: 10* 4** mg/m³
*total inhalable **respirable dust

· **DNELs**

CAS: 1317-65-3 Calcium carbonate

Oral

DNEL

6.1 mg/kg bw/Tag (ArL)

Inhalative

DNEL

10 mg/m³ (ArL)

CAS: 65997-15-1 Portland cement (low chromate)

Inhalative

DNEL

1 mg/m³ (ArL)

CAS: 1305-62-0 Calcium hydroxide

Inhalative

DNEL

1 mg/m³ (ArL)

· **PNECs**

CAS: 1317-65-3 Calcium carbonate

PNEC

100 mg/l (Sewage Treatment Plant)

CAS: 1305-62-0 Calcium hydroxide

PNEC

3 mg/l (BEL)

0.32 mg/l (Mew)

0.49 mg/l (Freshwater)

PNEC

1080 mg/kg dwt (Bod)

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| <ul style="list-style-type: none"> · Additional information: · 8.2 Exposure controls · Appropriate engineering controls · Individual protection measures, such as personal protective equipment · General protective and hygienic measures · Breathing equipment: · Hand protection · Material of gloves · Penetration time of glove material · Eye/face protection · Body protection: · Skin protection | <p>The lists that were valid during the compilation were used as basis.</p> <p>No further data; see section 7.</p> <p>Do not store food, eat, drink, sniff or smoke in the work area!
 Avoid contact with eyes and skin!
 Clean hands thoroughly at the end of work and before breaks!
 Use skin care products after work (moisturising cream).
 Change and clean heavily soiled clothing!
 Change clothes at the end of work!
 Apply greasy skin protection ointment before starting work and after every break.</p> <p>For work with higher dust loads particle filter class P2
 Check protective gloves prior to each use for their proper condition.
 Nitrile impregnated cotton gloves.</p> <p>The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.</p> <p>Safety glasses
 Protective work clothing.
 Use greasy skin protection ointment for all uncovered parts of the body!</p> |
|--|--|

SECTION 9: Physical and chemical properties

- | | |
|--|------------------------------------|
| · 9.1 Information on basic physical and chemical properties | |
| · General Information | |
| · Colour: | According to product specification |
| · Smell: | Odourless |
| · Melting point/freezing point: | Not determined |
| · Boiling point or initial boiling point and boiling range | Not applicable |
| | Not determined |
| · Flammability | Product is not inflammable. |
| · Flash point: | Not applicable |
| · pH | Not applicable. |
| · Viscosity: | |
| · Kinematic viscosity | Not applicable. |
| · dynamic: | Not applicable. |
| · Solubility | |
| · Water: | Unsoluble |
| · Steam pressure: | Not applicable. |
| · Density and/or relative density | |
| · Density | Not determined |

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- | | |
|---|--|
| <ul style="list-style-type: none"> · Particle characteristics · 9.2 Other information · Appearance: · Form: · Important information on protection of health and environment, and on safety. · Explosive properties: · Information with regard to physical hazard classes · Explosives · Flammable gases · Aerosols · Oxidising gases · Gases under pressure · Flammable liquids · Flammable solids · Self-reactive substances and mixtures · Pyrophoric liquids · Pyrophoric solids · Self-heating substances and mixtures · Substances and mixtures, which emit flammable gases in contact with water · Oxidising liquids · Oxidising solids · Organic peroxides · Corrosive to metals · Desensitised explosives | <p>See section 3.</p> <p>Powder</p> <p>Product is not explosive.</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> <p>Void</p> |
|---|--|

SECTION 10: Stability and reactivity

- | | |
|---|---|
| <ul style="list-style-type: none"> · 10.1 Reactivity · 10.2 Chemical stability · Thermal decomposition / conditions to be avoided: · 10.3 Possibility of hazardous reactions · 10.4 Conditions to avoid · 10.5 Incompatible materials: · 10.6 Hazardous decomposition products: | <p>No further relevant information available.</p> <p>No decomposition if used according to specifications.</p> <p>No dangerous reactions known</p> <p>No further relevant information available.</p> <p>No further relevant information available.</p> <p>No dangerous decomposition products known</p> |
|---|---|

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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.

· **LD/LC50 values that are relevant for classification:**

CAS: 1317-65-3 Calcium carbonate

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

CAS: 65997-15-1 Portland cement (low chromate)

Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50/4 h	5 mg/l (rat)

CAS: 1305-62-0 Calcium hydroxide

Oral	LD50	7340 mg/kg (rat)
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CAS: 13463-67-7 Titanium dioxide

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.8 mg/l (rat)

· **Primary irritant effect:**

· **Skin corrosion/irritation** Causes skin irritation.

· **Serious eye damage/irritation** Causes serious eye damage.

· **Respiratory or skin**

sensitisation

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

· **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**

None of the ingredients is listed.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

CAS: 1317-65-3 Calcium carbonate

EC50/72h	>14 mg/l (Desmodesmus subspicatus)
LC50/96h	>10000 mg/l (Oncorhynchus mykiss)
LC50/48h	>1000 mg/l (Daphnia magna)
EC50/48h	>1000 mg/l (Daphnia magna)

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- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

17 00 00	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 09 00	other construction and demolition wastes
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 02	plastic packaging
HP4	Irritant - skin irritation and eye damage

- **Uncleaned packagings:**
- **Recommendation:** Packaging can be reused or recycled after cleaning.

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SECTION 14: Transport information

· 14.1 UN number or ID number	
· ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	No further relevant information available.
· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II	None of the ingredients is listed.
· REGULATION (EU) 2019/1148	
· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))	None of the ingredients is listed.
· Annex II - REPORTABLE EXPLOSIVES PRECURSORS	None of the ingredients is listed.
· Regulation (EC) No 273/2004 on drug precursors	None of the ingredients is listed.
· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors	None of the ingredients is listed.

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15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.

Department issuing data specification sheet:

Environment protection department.

Date of previous version:

16.10.2021

Version number of previous version:

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Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Carc. 2: Carcinogenicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

*** Data compared to the previous version altered.**