

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



6409900 ULMER WEISS 0.2-0.6-AL

Version 1.0

Revision Date 18.07.2013

Print Date 24.04.2015

CLP_EU

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

Product identifier

Trade name : ULMER WEISS 0.2-0.6-AL
Product code : 6409900
Registration number : Exempted Annex V
Substance name : Calciumcarbonat GCC coarse powder

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

Use of the Substance/Mixture : Chemical-Technical Industry, Manufacture of inorganic basic chemicals, Manufacture of paints, varnishes and similar coatings, printing ink and mastics, Manufacture of dyes and pigments, Manufacture of rubber products, Manufacture of plastics products, Manufacture of paper and paperboard, Manufacture of soap and detergents, cleaning and polishing mixtures, Manufacture of cement, Building and construction work
Desulphurisation of industrial flue gases, Filler or Pigment, Raw material for industry, Building and construction mixtures not covered elsewhere, Water treatment chemicals, Raw material for the glass and ceramics industry

Recommended restrictions on use : For industrial use only., Other industries not mentioned are excluded.

Further "REACH" related information see ANNEX (e-SDS) when applicable.

Details of the supplier of the safety data sheet

Company : Omya International AG
Baslerstrasse
4665 Oftringen
Telephone : +41627892929
Telefax : +41627892077
E-mail address : Sdb.ch@omya.com
Emergency telephone number : +41613192837
Lead Organisation : Omya International Ltd, Group Regulatory Affairs, 4665 Oftringen, Switzerland. In order of Eduard Merkle GmbH & Co. KG

2. Hazards identification

Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

SAFETY DATA SHEET

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CLP_EU

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture.

Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Labelling according to EC Directives (1999/45/EC)

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

Other hazards

No information available.

3. Composition/information on ingredients

Substances

No hazardous ingredients

WEL substance :		
limestone	1317-65-3 215-279-6	>= 85 - < 100

4. First aid measures

Description of first aid measures

- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.

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If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

5. Firefighting measures

Extinguishing media

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

Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Further information : Standard procedure for chemical fires.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid dust formation.

Environmental precautions

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up

Methods for cleaning up : Sweep up and shovel.
Keep in suitable, closed containers for disposal.

7. Handling and storage

Precautions for safe handling

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



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CLP_EU

- Advice on safe handling : For personal protection see section 8.
No special handling advice required.
- Advice on protection against fire and explosion : Avoid dust formation.
Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
- Advice on common storage : Do not store near acids.
- German storage class : 13 Non Combustible Solids
- Other data : Keep in a dry place.
No decomposition if stored and applied as directed.

8. Exposure controls/personal protection

Control parameters

Germany

Contains no substances with occupational exposure limit values.

France

Components	CAS-No.	Value	Control parameters	Update	Basis
limestone	1317-65-3	VME	10 mg/m ³	2007-12-01	FR VLE

Switzerland

Components	CAS-No.	Value	Control parameters	Update	Basis
limestone	1317-65-3	TWA	3 mg/m ³	2013-01-01	CH SUVA

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Version 1.0

Revision Date 18.07.2013

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CLP_EU

Italy

Contains no substances with occupational exposure limit values.

Sweden

Contains no substances with occupational exposure limit values.

Norway

Contains no substances with occupational exposure limit values.

Finland

Components	CAS-No.	Value	Control parameters	Update	Basis
limestone	1317-65-3	HTP-arvot 8h	10 mg/m ³	2007-08-09	FI OEL

United Kingdom

Components	CAS-No.	Value	Control parameters	Update	Basis
limestone	1317-65-3	TWA	10 mg/m ³	2007-08-01	GB EH40
		TWA	4 mg/m ³	2007-08-01	GB EH40
		TWA	10 mg/m ³	2011-12-01	GB EH40
		TWA	4 mg/m ³	2011-12-01	GB EH40

Austria

Contains no substances with occupational exposure limit values.

Exposure controls

Personal protective equipment

- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Half mask with a particle filter P2 (EN 143).
- Hand protection : For prolonged or repeated contact use protective gloves.
- Eye protection : Safety glasses
- Skin and body protection : Protective suit

SAFETY DATA SHEET

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Hygiene measures : General industrial hygiene practice.

Environmental exposure controls

General advice : No special environmental precautions required.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state : solid at 20 °C (1.013 hPa)

Form : powder

Colour : white

Odour : characteristic

Flash point : does not flash

Ignition temperature : not applicable

Flammability (solid, gas) : The product is not flammable.

Burning number : 1

pH : 8,5 - 9,5
at 100,00 g/l
20 °C
Method: DIN-ISO 787/9

Melting point/range : > 800 °C
at 1.013 hPa

Boiling point/boiling range :
Vapour pressure : not applicable

Density : 2,6 - 2,8 g/cm³
at 20 °C
(1.013 hPa)
Method: DIN-ISO 787/10

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Water solubility : 0,014 g/l
at 20 °C
at 1.013 hPa

0,018 g/l
at 75 °C
at 1.013 hPa

Partition coefficient: n-octanol/water : not applicable

10. Stability and reactivity

Reactivity

Stable under recommended storage conditions.

Chemical stability

No decomposition if stored and applied as directed.

Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions., No decomposition if used as directed.
: Reacts with acids. It forms carbon dioxide (CO₂). This displaces the oxygen in the air in closed spaces. (danger of suffocation).

Conditions to avoid

Conditions to avoid : no data available

Hazardous decomposition products

Hazardous decomposition products : Carbon dioxide (CO₂)

Thermal decomposition : > 600 °C

11. Toxicological information

Information on toxicological effects

Acute toxicity

Acute oral toxicity : LD50 Oral: > 5.000 mg/kg
Species: rat

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Skin corrosion/irritation

Skin irritation : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation

Eye irritation : According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory or skin sensitisation

Sensitisation : no data available

Further information : no data available

12. Ecological information

Toxicity

Toxicity to fish : LC50: > 10.000 mg/l
Exposure time: 96 h
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates : EC50: > 1.000 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)

Toxicity to algae : EC50: > 200 mg/l
Exposure time: 72 h
Species: Desmodesmus subspicatus (green algae)

Persistence and degradability

Biodegradability : not applicable

Results of PBT and vPvB assessment

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.

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Other adverse effects

Additional ecological information : In solid state these minerals are a major part of the rocks of the earth's surface.
They are dissolved in a natural state and indispensable part of the natural waters.
These minerals are not biodegradable.
Negative effects on the environment should therefore be excluded.
Restrictions may be indicated that concentrated suspensions these minerals in natural waters may have an unfavorable effect on water organisms (disturbance of the micro flora and -fauna in the sediment and subsequent detriment to the existence of higher water organisms).

13. Disposal considerations

Waste treatment methods

Product : Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : not applicable
Major Accident Hazard Legislation : 96/82/EC Update: not applicable

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CLP_EU

Water contaminating class (Germany) : nwg not water endangering
317
VwVwS
ZDE_WGK Update: 2009-07-27

16. Other information

Further information

Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Sources of key data used to compile the Safety Data Sheet : Information taken from reference works and the literature.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

For this product an exposure scenario is not required.