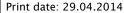
Commercial Product Name: Ceramill Liquid

Article-No.: 760470-760477

Revision date: Version: /en





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

1.1 Product identifier

Commercial Product Name Ceramill Liquid

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

Relevant identified uses Resources for dental technology

1.3 Details of the supplier of the safety data sheet

Company designation Amann Girrbach AG

Herrschaftswiesen 1 A-6842 Koblach

Telephone: 0043 5523 623330

FAX: 0043 5523 55990

Email: austria@amanngirrbach.com Internet: www.amanngirrbach.com

Marketer Amann Girrbach GmbH

Duerrenweg 40 D-75177 Pforzheim

Telephone: 0049 7231 957100 FAX: 0049 7231 957129

Email: germany@amanngirrbach.com Internet: www.amanngirrbach.com

E-mail (competent person) germany@amanngirrbach.com

1.4 Emergency telephone number

Emergency telephone number +49 (0) 7231 957100

Only available during office hours.

SECTION 2: Hazards identification

2.2 Label elements

R-phrase(s) R22: Harmful if swallowed.

R37/38: Irritating to respiratory system and skin.

R41: Risk of serious damage to eyes.

Hazard symbols

Xn

Xn: Harmful

S-phrase(s) S26: In case of contact with eyes, rinse immediately with plenty of water and

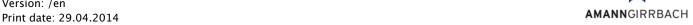
seek medical advice.

\$37/39: Wear suitable gloves and eye/face protection.

Commercial Product Name: Ceramill Liquid

Article-No.: 760470-760477

Revision date: Version: /en



Hazardous component(s) to be indi- Erbium (III) Chlorid, Eisen (III) Chlorid / Iron (III) chloride

cated on label

SECTION 3: Composition/information on ingredients

Hazardous ingredients

Ingredient		Classification (EEC) No 67/548	Concentration
		Classification (EC) 1272/2008	
De-ionisiertes Wasser	CAS No.: 7732-18-5		10.0 - 80.0
Erbium (III) Chlorid	CAS No.: 10138-41-7 EC-No.: EINECS 233-385-0		0.01 - 20.0
Eisen (III) Chlorid / Iron (III) chloride	CAS No.: 7705-08-0 EC-No.: EINECS 231-729-4		0.01 – 20.0

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice No special measures are required.

If inhaled Provide fresh air.

Seek medical attention if problems persist.

In case of skin contact After contact with skin, wash immediately with plenty of water and soap.

In case of contact with eyes, rinse immediately with plenty of flowing water In case of eve contact

for 10 to 15 minutes holding eyelids apart.

If swallowed Rinse mouth thoroughly with water.

Seek medical attention if problems persist.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media The product itself does not burn.

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not None known until now.

be used for safety reasons

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions not required.

6.2 Environmental precautions

Environmental precautions No special measures are required.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Wipe up with absorbent material (eg. cloth, fleece).

Wash with plenty of water.

6.5 Additional information

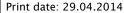
Other information This article doesn't contain dangerous substances or preparations intended to

be released under normal or reasonably foreseeable conditions of use.

Commercial Product Name: Ceramill Liquid

Article-No.: 760470-760477

Revision date: Version: /en





SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on protection against fire

and explosion

No special measures are required.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container re-

quirements

Keep container tightly closed. Keep only in the original container. Protect against direct sunlight.

Hints on storage assembly not required.

Recommended storage temperature at room temperature

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Respiratory protection not required.

Hand protection Wear suitable gloves.

Remarks: Please note that chemical-resistant gloves, due to a number of influential

factors, may be used for a clearly shorter period of time. The users should evaluate the risk potential. With visible cracks or signs of wear and tear the

gloves should be exchanged.

Eye protection Tightly sealed safety glasses.

General protective and hygiene

measures

Please comply with proper hygiene conditions.

Engineering measures ---

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state liquid Colour yellow

orange

Odour odourless pH at 20° C: 2

Boiling point [°C] This information is not available. Flash point [°C] This information is not available.

Explosion limits [Vol-%]

Lower limit: This information is not available.

Upper limit: This information is not available.

Vapour pressure [kPa] This information is not available.

Density [g/cm³] This information is not available.

Water solubility [q/l] easily soluble.

Commercial Product Name: Ceramill Liquid

Article-No.: 760470-760477

Revision date: Version: /en

Print date: 29.04.2014



9.2 Other information

Freezing point [°C] This information is not available. Ignition temperature [°C] This information is not available. Miscibility with water This information is not available.

SECTION 10: Stability and reactivity

10.3 Possibility of hazardous reactions

Hazardous reactions None known until now.

10.4 Conditions to avoid

Conditions to avoid None known until now.

10.6 Hazardous decomposition products

Hazardous decomposition products None known until now.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg]

Dermal toxicity [mg/kg]

Inhalative toxicity [mg/l]

Irritant effect on skin

Irritant effect on eyes

No data available

mild irritant.

Irritation

Sensitization None known until now.

11.2 Additional information

Other information (chapter 11.) No evidence of harmful effects from available information if used properly.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l] No data available

12.6 Other adverse effects

Further information on ecology No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations Dispose of waste according to applicable legislation.

Waste Code 06 03 99 wastes not otherwise specified

Uncleaned empty packaging Dispose of waste according to applicable legislation.

SECTION 14: Transport information

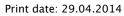
14.8 Additional information

Other information (chapter 14.) No dangerous good in sense of these transport regulations.

Commercial Product Name: Ceramill Liquid

Article-No.: 760470-760477

Revision date: Version: /en





SECTION 15: Regulatory information

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

Additional regulations RL 2006/8/EG

RL 2006/121/EG

REACH-VO (EG) 1907/2006

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.			