

SAFETY DATASHEET – KölnerAqua Size

according to Regulation (EC) No. 1907/2006 (REACH) · Revision date:01.12.2023 · Print date:01.12.2023

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

1.1. Product identifier

Trade name/designation: Kölner Aqua Size

Article No.: 4005, 4010, 4025, 4050, 4100, 4400

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

Use of the substance/mixture: Processing Material for gold leaf coatings.

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: KVP Kölner Vergolderprodukte GmbH · Dresden - GERMANY

Telephone: +49 (0) 35 1 - 86 26 89 50 · Telefax: +49 (0) 35 1 - 86 26 34 91

Website: <http://kolner-vergolderprodukte.de/>

E-Mail (competent person): info@kolner-vergolderprodukte.de

1.4. Emergency telephone number

24h: +49 (0) 55 1 - 19 24 0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

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

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3. Other hazards

Adverse human health effects and symptoms: May cause eye irritation.



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SECTION 3: Composition / information on ingredients

3.1. Mixtures

Description: coating agents, water-based

SECTION 4: First aid measures

4.1. Description of first aid measures

· **General information:** Remove victim out of the danger area. Remove contaminated, saturated clothing.

If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended.

Get medical advice/attention if you feel unwell.

· **Following inhalation:** Provide fresh air.

· **In case of skin contact:** Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

· **After eye contact:** Do not subject to friction. 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 present and easy to do. In case of eye irritation consult an ophthalmologist.

· **After ingestion:** If swallowed, rinse mouth with water (only if the person is conscious). Let water be drunk in little sips. Do NOT induce vomiting. Get medical advice/attention.

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

May cause eye irritation.

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

Treat symptomatically.



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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings. Water spray jet, alcohol resistant foam, carbon dioxide (Co2), Extinguishing powder.

5.2. Special hazards arising from the substance or mixture

Non-flammable. Not flammable.

Hazardous combustion products: In case of fire may be liberated: carbon oxides (Cox); Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions: Avoid breathing dust/fume/gas/mist/vapours/spray.

Avoid contact with eyes and skin. Remove contaminated, saturated clothing.

Special danger of slipping by leaking/spilling product.

Clear spills immediately

Protective equipment: Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

· For containment: Wipe up with absorbent material (eg. cloth, fleece).

Handling larger quantities: Absorb with liquidbinding material

· For cleaning up: Water with tenside additive



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6.4. Reference to other sections

Safe handling: see section 7

Personal protecting equipment: see section 8

Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

- Advices on safe handling: Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes and clothes. Do not breathe gas/fumes/vapor/spray. Always close containers tightly after the removal of product. Remove contaminated, saturated clothing. Wash contaminated clothing prior to re-use. Wear personal protection equipment (refer to section 8).
- Fire prevent measures: No special measures are necessary.
- Environmental precautions: Discharge into the environment must be avoided.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Wash hands and face before breaks and after work and take a shower if necessary. Apply skin care products after work.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures and storage conditions: Keep container tightly closed in a cool, well-ventilated place. Protect from frost. Storage temperature: 5 - 25 °C
- Requirements for storage rooms and vessels: Floors should be impervious, resistant to liquids and easy to clean. Keep/Store only in original container.
- Hints on storage assembly: Do not store together with: Acids, Alkali (Iye); Oxidizing agent.
Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

Recommendation: Processing Material for gold leaf coatings.



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SECTION 8: Exposure controls/personal protection

8.1. Control Parameters

No data available.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaust at critical locations. Generation/formation of aerosols: Devices with local exhaust / Technical ventilation of workplace.

8.2.2. Personal protection equipment



Eye/face protection: Recommendation: Eye glasses with side protection (DIN EN 166).

Skin protection: Recommendation: Wear suitable gloves (DIN EN 374).

Suitable material: NBR (Nitrile rubber)

Material thickness: $\geq 0,3$ mm

Breakthrough time: ≥ 480 min

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

Respiratory protection: Provide adequate ventilation.

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Use appropriate respiratory protection. Particle filter device (DIN EN 143), Filter type: P2

Other protection measures: Wear suitable protective clothing.

8.2.3. Environmental exposure controls

Do not allow to enter into surface water or drains.

8.3. Additional information

No data available.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid, thixotropic Colour: milk-white Odour: not determined

Safety relevant basis data

Parameter		at ° C	Method	Remark
pH	not determined			
Melting point/freezing point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	not determined			
Decomposition temperature	not determined			
Flash point	not applicable		EN ISO 1523	
Evaporation rate	not determined			
Ignition temperature	not applicable			
Upper/lower flammability or explosive limits	not applicable			
Vapour pressure	not determined			
Vapour density	not applicable			
Density	≈ 1 g/ml	20	DIN 53217	
Bulk density	not applicable			
Water solubility	miscible			
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	not determined			
Kinematic viscosity	not determined			
Solvent content (%)	7,5 Wt %			

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

See section 10.3.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.



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10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Frost.

10.5. Incompatible materials

Acids, Alkali (lye); Oxidizing agent

10.6. Hazardous decomposition products

No know hazardous decomposition products.

In case of fire may be liberated: carbon oxides (Cox); Gases/vapours , toxic

SECTION 11: Toxicological information

11.1. Information on toxicological effects

- Acute oral toxicity: Based on available data, the classification criteria are not met.
- Acute dermal toxicity: Based on available data, the classification criteria are not met.
- Acute inhalation toxicity: Based on available data, the classification criteria are not met.
- Skin corrosion/irritation: Based on available data, the classification criteria are not met.
- Eye damage/irritation: Based on available data, the classification criteria are not met. May cause eye irritation.
- 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.
- Additional information: No data available.

SECTION 12: Ecological information

12.1. Toxicity

- Aquatic toxicity: Based on available data, the classification criteria are not met.
- Additional ecotoxicological information: Discharge into the environment must be avoided. Do not empty into drains. Do not allow to enter into soil/subsoil.



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12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

· Akkumulation / Evaluation: No information available.

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.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC

Waste code product:

· 08 01 12 waste paint and varnish other than those mentioned in 08 01 11

Waste code packaging:

· 15 01 02 composite packaging

Waste treatment options:

- Appropriate disposal / Product: Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.
- Appropriate disposal / Package: Completely emptied packages can be recycled.
- Other disposal recommendations: The allocation of waste identity numbers/waste descriptions must be carried out according with the European Waste Catalogue (EWC). Do not allow to enter into surface water or drains.

13.2. Additional information

Collect in closed and suitable containers for disposal.



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SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.

not relevant

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

This product meets the requirements of Regulation (EC) No.1935/2004 on the limitation of VOC content.

15.1.2. National regulations

No data available.

15.2. Chemical Safety Assessment

No data available.



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15.3. Additional information

No data available.

SECTION 16: Other information

16.1. Indication of changes

No data available.

16.2. Abbreviations and acronyms

See overview table at www.euphrac.eu

16.3. Key literature references and sources for data

Safety data sheets of the manufacturers

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No. 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

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

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available.

16.6. Training advice

No data available.

16.7. Additional information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

