**Technical Sheet**

**acid net**

*acid net* is an acid detergent for cleaning ceramic floor and wall tiles. Specially recommended for cleaning building debris. Indoor and outdoor use.

*acid net* is a remover mixed with phosphoric acid that in contact with cement reacts and removes dirt or stains without damaging coverings or cement based joints like *colorstuk*. Suitable for removing saltpetre remains or dirt sensible to acid attack.

**Recommended use:**
- Building site final cleaning.
- Cleaning of remains of adhesives and cement-based grouting materials in floor and wall tiles.
- Cleaning of efflorescences and salts remains.
- Cleaning of plaster and byproduct remains.
- Cleaning of lime remains and film.
- Cleaning of glazed substrates prior to laying new tiles.

**Materials**
- Ceramic glazed and non-glazed tiles GLA, ULA.
- Glass mosaic.
- Natural stones resistant to acid descalers.
- It is not recommended to use *acid net* on materials that are sensitive to acid cleaners such as:
  - Marbles and natural limestones.
  - Ceramic tiles with surface finishes sensitive to acid attack, like polished or metallic finishes.

Given the wide variety of ceramic materials, we recommend to check with your tile provider about chemical resistance to acid attack, before using *acid net*. In any case, we recommend to perform a preliminary test.

**Substrates**

Do not apply directly on:
- Cement covered floors and walls.
- Concrete slabs.

**Characteristics**
- Phosphoric acid solution.
- Colorless liquid.
- pH < 0.1.
- Recommended action time: 10-15 min.
Certifications / Standards
- CAS No.: 7664-38-2
- Phrases: R-34
- S2, S26, S36/37/39, S45
- Hazard symbols: C

Instructions for use
- Before laying, and in order to avoid later problems, it is recommended to consult the supplier's technical data sheet for the type of wall covering used, and check that it is not sensitive to acid construction cleaners.
- Protect all elements present in the wall covering that are sensitive to acid attack, such as metal profiles.
- Dilute with clean water depending on the type of dirt. As a general rule:
  • 1:1 Dilution  Construction debris; mortar remains and stains.
  • 1:5 Dilution  Cement film on the wall covering.
- Apply with a sponge or other non-abrasive means, and distribute it evenly. Allow it to work for 10 to 15 minutes.
- Scrub with a non-abrasive scouring pad.
- Rinse with plenty of water, and dry with a cloth or absorbent paper.

Performance
- 1:1 Dilution with clean water  90-100 gr / m².
- 1:2 Dilution with clean water  45-50 gr / m².
- 1:3 Dilution with clean water  25-35 gr / m².
- 1:5 Dilution with clean water  20 gr / m².

Conservation
- 12 months in its original container and protected from moisture and the weather. Store in a dry place, covered and protected from direct sunlight.

Safety and hygiene
- Please take the usual precautions in the use of chemicals, such as using gloves, goggles, and protective boots, and working in well ventilated spaces.
- Do not ingest. Keep out of reach of children.
- It is recommended to take the following safety rules:
  • R34 - Causes Burns
  • S2 - Keep out of reach of children.
  • S26 - In case of contact with eyes, rinse immediately and thoroughly with water, and seek medical advice.
  • S36/37/39 - Wear appropriate clothing, gloves, and protection for the eyes / face
  • S45 - In case of accident or if you feel sick, seek a doctor immediately (if possible, show them the label)
- If swallowed immediately seek medical advice and show the product label or packaging.
- In case of accident, wash with soap and water to neutralize the reaction. If in doubt, consult the toxicological information medical service (+34) 91 562 04 20
- Safety data sheets available to the professional user who requests them. Do not ingest under any circumstances.

**Technical Sheet Conditions**

As it is not possible to know all the features and conditions of a building job, professionals must consider it and, if deemed appropriate, perform a previous test to confirm whether the product is suitable for the job.

The technical sheet cannot reflect all the applications and conditions entailed in the use of a material, so, in situations not described in this sheet, we recommend to perform a previous test and refer to our technical department.

This sheet has been updated in January, 2013.

**Technical data**

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Colorless liquid</th>
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<tbody>
<tr>
<td>Smell</td>
<td>citric</td>
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<tr>
<td>Hazard</td>
<td>Corrosive</td>
</tr>
<tr>
<td>Flammability</td>
<td>No</td>
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<tr>
<td>Storage time</td>
<td>12 months in a dry place</td>
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<tr>
<td>Application temperature</td>
<td>5 °C to 35 °C</td>
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<tr>
<td>Specific weight of dry mortar</td>
<td>1.01 g/cm³</td>
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<tr>
<td>pH</td>
<td>0.1</td>
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</table>

Nonionic surfactants 5%

Contents:
- Limonene
- Benzyl alcohol
- 5-chlorine-2 methyl - 2 h-isothiazol-3-one
- 2-methyl-2H-isothiazol-3-one

**References**

<table>
<thead>
<tr>
<th>KEA</th>
<th>SAP</th>
<th>Product description</th>
<th>Packaging</th>
<th>Palletizing</th>
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<tbody>
<tr>
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<td>100004342</td>
<td>acid net</td>
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<td>448 kg/pallet</td>
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