

Sodium Bicarbonate

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|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---|--------|---------------------------------|----|-------------|----------|-----|----------|--------------------------------|-----|------------------------|-----------------------|---|------------------------|--------|----|---------|--------|-----|------|--------|-----|------|-------|-----|------|-------|-----|------|
| Description | Armex® Maintenance and Armex® Maintenance XL are a formulated Sodium Bicarbonate, a completely harmless and environmentally friendly product. It is water-soluble, odourless and slightly alkaline (pH-value of 8.2). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Applications | ARMEX® sodium bicarbonate blast media. Ideal for industrial cleaning in food processing, pulp and paper, automotive and other industries. Suited for architectural cleaning, whether stripping a single layer or multiple. Extremely effective, one-step cleaning and deodorizing after fire and smoke damage or for mould remediation. It does no mechanical damage to the surface (no etching). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Properties | <table border="0"> <tr> <td>Colour</td> <td>:</td> <td>White</td> </tr> <tr> <td>Structure</td> <td>:</td> <td>crystalline</td> </tr> <tr> <td>Hardness</td> <td>:</td> <td>2.5 Mohs</td> </tr> <tr> <td>Specific density</td> <td>:</td> <td>2.2 kg/dm³</td> </tr> <tr> <td>Loose bulk density</td> <td>:</td> <td>1.0 kg/dm³</td> </tr> <tr> <td>pH</td> <td>:</td> <td>8.2</td> </tr> </table> | Colour | : | White | Structure | : | crystalline | Hardness | : | 2.5 Mohs | Specific density | : | 2.2 kg/dm ³ | Loose bulk density | : | 1.0 kg/dm ³ | pH | : | 8.2 | | | | | | | | | | | | |
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| pH | : | 8.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chemical Composition (indication only) | <table border="0"> <tr> <td>NaHCO₃</td> <td>:</td> <td>99,5 %</td> </tr> <tr> <td>Na₂CO₃</td> <td>:</td> <td>0,46 %</td> </tr> <tr> <td>NaCL</td> <td>:</td> <td>0,007 %</td> </tr> <tr> <td>Fe₂O₃</td> <td>:</td> <td>0,0001 %</td> </tr> <tr> <td>CaO</td> <td>:</td> <td>0,014 %</td> </tr> <tr> <td>MgO</td> <td>:</td> <td>0,003 %</td> </tr> </table> | NaHCO ₃ | : | 99,5 % | Na ₂ CO ₃ | : | 0,46 % | NaCL | : | 0,007 % | Fe ₂ O ₃ | : | 0,0001 % | CaO | : | 0,014 % | MgO | : | 0,003 % | | | | | | | | | | | | |
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| Grain Distribution | <table border="0"> <tr> <td colspan="3">Armex® Maintenance</td> </tr> <tr> <td>250 µm</td> <td>8%</td> <td>max.</td> </tr> <tr> <td>150 µm</td> <td>55%</td> <td>max.</td> </tr> <tr> <td>90 µm</td> <td>93%</td> <td>max.</td> </tr> <tr> <td colspan="3">Armex® Maintenance XL</td> </tr> <tr> <td>425 µm</td> <td>8%</td> <td>max.</td> </tr> <tr> <td>250 µm</td> <td>60%</td> <td>max.</td> </tr> <tr> <td>150 µm</td> <td>70%</td> <td>max.</td> </tr> <tr> <td>75 µm</td> <td>80%</td> <td>max.</td> </tr> <tr> <td>45 µm</td> <td>90%</td> <td>max.</td> </tr> </table> | Armex® Maintenance | | | 250 µm | 8% | max. | 150 µm | 55% | max. | 90 µm | 93% | max. | Armex® Maintenance XL | | | 425 µm | 8% | max. | 250 µm | 60% | max. | 150 µm | 70% | max. | 75 µm | 80% | max. | 45 µm | 90% | max. |
| Armex® Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 µm | 8% | max. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 150 µm | 70% | max. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 µm | 80% | max. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 µm | 90% | max. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Packing | Multi-ply paper bags of 25 kg content, on shrink foiled export pallets of 1000 kg net / 1020 kg gross weight. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

TDS. 2016-2-Armex® Sodium bicarbonaat (UK) 1/1

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