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|  | Product Information | |
| | Aluminium Sulphate 17/18%, technical grade according to DIN EN 878 | |
| Date: 08 / 2012 | PI-No.: ALU-01 | Page 1 of 2 |
| Revision: 00 | | |

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|----------------|--|
| Product | <p>Aluminium Sulphate 17/18 % is manufactured by dissolving aluminium hydroxide in sulphuric acid.</p>  |
| Formula | $\text{Al}_2(\text{SO}_4)_3 \cdot 14 \text{H}_2\text{O}$ |
| CAS-No. | 16828-12-9 |


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| Product Specification | <p>Al_2O_3 min.17.0 %</p> <p>Fe_2O_3 max.0.01 %</p> <p>Basicity max.0.5 %</p> <p>Water-insolubles max.0.1 %</p> <p>Heavy metals (As, Cd, Cr, Hg, Pb, Se, Zn) max. 0.001 %</p> |
| Physical Characteristics | <p>Density (20 °C) approx. 1.7 g/cm³</p> <p>Bulk Density approx. 1000 kg/m³</p> <p>Solubility in water (20 °C) approx. 600 g/l</p> <p>pH (2 g / 100 ml H₂O; 20 °C) approx. 3 - 4</p> |

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|--------------------|----------------------|
| Grain Sizes | 0 – 2 mm 2 – 8 mm |
|--------------------|----------------------|

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|--------------------|---|
| Application | <p>Aluminium Sulphate 17/18 % ...</p> <ul style="list-style-type: none"> - is suitable as an fixing as well as a flocculant agent of rosin size in the paper industry. - improves the efficiency of the sizing by adsorbing anionic trash from the system. - increases the retention of fibers and fillers which results in the clarification if the circulating water. - is used as a precipitant and flocculant in the preparation of potable water as well as in the purification of sewage water. |
| Packaging | <ul style="list-style-type: none"> - silo truck, - Polylined paper bags 25 kgs net, - Big Bags |
| Handling | <p>Please see Safety Data Sheet for Aluminium Sulphate solid. National handling regulations should be taken notice of.</p> |
| Note | <p>Any details of application possibilities do not free the purchaser from the obligation of performing his own test on the material supplied by the seller in order to determine their suitability for the intended processes and purposes. Application, use and processing of the material cannot be controlled by the seller and are thus the sole responsibility of the purchaser.</p> |

23.04.2018: Checked by QM

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