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At Elementis, we bring a distinctive combination of expertise, innovation, and teamwork to every formulation challenge. We create high-value specialty additives that enhance the performance of our customers' products and make a positive change in the world.

As a world-renowned expert in rheology technology and a global leader in antiperspirant actives, we offer a wide range of natural and naturally derived clay-based rheology modifiers, botanical emollients, conditioning additives, and bio-functional active ingredients.

With our global formulation and production expertise in antiperspirant actives, we have every solutions to cater to your need.

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**For more details, please contact:**

**Americas**  
New Jersey, USA  
T +1 609 443 2500

**Europe**  
London, UK  
T +44 208 148 5966

**Asia**  
Shanghai, China  
T +86 21 5774 0348



# Performance Materials Antiperspirant Actives

| PRODUCT                              | INCI NAME                                                 | EFFICACY                         | DESCRIPTION                                                                                        | NATURAL* |
|--------------------------------------|-----------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------|----------|
|                                      |                                                           |                                  |                                                                                                    | %        |
| AEROSOLS                             |                                                           |                                  |                                                                                                    |          |
| REACH 9000                           | Aluminum Chlorohydrate                                    | <div>ULTIMATE</div> <div>↑</div> | Highly activated peak 4 ACH powder provides maximum efficacy                                       | 85%      |
| AASCH-3143                           | Aluminum Sesquichlorohydrate                              |                                  | Activated peak 4 sesqui powder with improved performance due to lower Al:Cl ratio                  | 83%      |
| AACH-7172                            | Aluminum Chlorohydrate                                    |                                  | Activated peak 4 powder with spherical particle shape contributes to reduced visible white residue | 85%      |
| REACH 103                            | Aluminum Chlorohydrate                                    |                                  | Activated peak 4 powder provides improved performance                                              | 85%      |
| REACH 301                            | Aluminum Sesquichlorohydrate                              |                                  | Sesqui powder with lower molecular weight and Al:Cl ratio provides improved performance            | 82%      |
| MICRO-DRY 323                        | Aluminum Chlorohydrate                                    | GOOD                             | Conventional grade ACH powder                                                                      | 86%      |
| ROLL-ONS, CREAMS, GELS               |                                                           |                                  |                                                                                                    |          |
| ULTRA ZAG 88L                        | Aluminum Zirconium Tetrachlorohydrex-Gly                  | <div>ULTIMATE</div> <div>↑</div> | Activated AZG tetra 45% solution                                                                   | 92%      |
| AAZG-3109                            | Aluminum Zirconium Octachlorohydrex Gly, Calcium Chloride |                                  | 40% octa solution with highly activated peak 4 for maximum efficacy                                | 87%      |
| REACH AZO-956 G                      | Aluminum Zirconium Octachlorohydrex-Gly                   |                                  | Activated AZG octa 45% solution                                                                    | 93%      |
| REACH 701L                           | Aluminum Chlorohydrate-Gly and Calcium Chloride           |                                  | Activated 30% ACH solution with high peak 4 provides long lasting wetness and odor protection      | 92%      |
| REZAL 67                             | Aluminum Zirconium Pentachlorohydrate                     |                                  | Al/Zr 40% penta concentrated solution (without Glycine)                                            | 97%      |
| REACH 301L                           | Aluminum Sesquichlorohydrate                              | GOOD                             | Activated 50% sesqui solution - lower Al:Cl ratio contributes to improved performance              | 95%      |
| CHLORHYDROL 50                       | Aluminum Chlorohydrate                                    |                                  | Conventional grade ACH 50% aqueous solution                                                        | 96%      |
| STICK/SOFT SOLIDS                    |                                                           |                                  |                                                                                                    |          |
| ULTRA ZAG A77                        | Aluminum Zirconium Tetrachlorohydrex-Gly                  | <div>ULTIMATE</div> <div>↑</div> | Highest performance activated AZG tetra powder for long lasting wetness and odor control           | 74%      |
| AAZG-7165                            | Aluminum Zirconium Trichlorohydrex-Gly                    |                                  | High performance activated AZG tri powder providing enhanced efficacy                              | 75%      |
| REACH AZP-908                        | Aluminum Zirconium Tetrachlorohydrex-Gly                  |                                  | Activated AZG tetra powder with improved efficacy                                                  | 73%      |
| AAZG-3108                            | Aluminum Zirconium Pentachlorohydrex-Gly                  |                                  | High performance activated AZG penta powder providing enhanced efficacy                            | 78%      |
| REACH 9001                           | Aluminum Chlorohydrate                                    |                                  | High performance ACH powder for long lasting odor / wetness control compared to conventional ACH   | 85%      |
| REACH 301 SUF                        | Aluminum Sesquichlorohydrate                              | GOOD                             | Sesqui powder with lower molecular weight and Al:Cl ratio provides improved performance            | 82%      |
| MICRO-DRY 691                        | Aluminum Chlorohydrate                                    |                                  | Conventional grade ACH powder                                                                      | 86%      |
| Antiperspirant and deodorant actives |                                                           |                                  |                                                                                                    |          |
| DEOLUXE™ SC**                        | Cinnamic Acid                                             | Superior                         | A novel antiperspirant and deodorant active with strong sweat reduction                            | 0%       |

\*Based on ISO 16128 - Guidelines on technical definitions and criteria for natural and organic ingredients and products

\*\*Not available for USA

