



FACT SHEET

**Personal Care**

# Personal Care

Honeywell Specialty Materials manufactures a wide range of products to serve the requirements of the personal care sector. Many of these materials meet the analytical standards of numerous pharmacopoeias and are produced to consistent standards of high quality and purity. Honeywell has a long history as an established supplier to the personal care sector, and is focused on gaining a fundamental understanding of the technology challenges and needs encountered by customers, and on developing customized solutions to meet these needs.

Honeywell Specialty Materials' expertise is in the synthesis and manufacture of industrial scale high purity and ultra high purity inorganic chemicals. These materials are manufactured at Honeywell's plant in Seelze, Germany, which is certified against ISO/TS 16949, ISO 9001 and 14001. They are marketed under the brandname Riedel-de Haën®.

Honeywell Specialty Materials, based in Morristown, N.J., is a \$4.7 billion, global leader in providing customers with high-performance specialty materials, including fluorine products; specialty films and additives; advanced fibers and composites; intermediates; specialty chemicals; electronic materials and chemicals; and technologies and materials for petroleum refining.

## Product Benefits

- Extremely high levels of purity and consistency of purity
- Meet analytical standards of recognized pharmacopoeia

| Applications | Products  | Role of Product                             |
|--------------|---|---|
| Toothpaste   | Potassium nitrate <sup>1</sup><br>Strontium acetate<br>Strontium chloride-6-hydrate                         | Desensitizing agent                         |
|              | Sodium fluoride <sup>1</sup><br>Tin fluoride  | Source of fluoride to help prevent cavities |
|              | Calcium carbonate<br>Sodium carbonate<br>Tin chloride-2-hydrate<br>Titanium dioxide                         | Various roles within toothpaste             |
| Mouthwash    | EDTA di-sodium salt-2-hydrate <sup>1</sup><br>Sodium fluoride <sup>1</sup><br>Tin fluoride<br>Zinc chloride | Protects against plaque                     |

| Applications          | Products  | Role of Product  |
|-----------------------|---|--|
| Dentistry             | Aluminum fluoride<br>Calcium fluoride<br>Potassium hexafluorotitanate<br>Strontium fluoride<br>Tin fluoride <sup>2</sup><br>Tin oxide<br>Yttrium fluoride<br>Zinc sulfate, anhydrous <sup>1</sup> | Specialties for dental products, such as ceramic teeth, fillings, moulds, plastics |
| Anti-perspirants      | Aluminum chloride-6-hydrate <sup>1</sup>  | Active ingredient in roll-on formulas  |
| Depilatory Treatments | Strontium hydroxide-6-hydrate   | Active ingredient in hair removal  |
| Cosmetics             | Aluminum chloride-6-hydrate <sup>1</sup><br>Strontium hydroxide-6-hydrate   | Astringent   |

<sup>1</sup> Meets U.S.P., B.P., Ph. Eur. analytical standards

<sup>2</sup> Meets U.S.P. analytical standards



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