



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

Applications	Products	Role of Product
Dentistry	Aluminum fluoride Calcium fluoride Potassium hexafluorotitanate Strontium fluoride Tin fluoride <sup>2</sup> Tin oxide Yttrium fluoride 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> 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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