

MEET THE ANALYTICAL STANDARDS OF PHARMACOPOEIA

with ultra-high purity
inorganic chemicals
from Honeywell

**HONEYWELL HAS
A LONG HISTORY AS AN
ESTABLISHED SUPPLIER
TO THE PERSONAL
CARE INDUSTRY,**

with applications in cosmetics, facial aesthetics products, antimicrobial products, anti-perspirants, toothpaste, mouthwash and dentistry. These materials are produced to consistent standards of high quality and purity, with many meeting the analytical standards of numerous pharmacopoeias.

Honeywell

Honeywell manufactures a wide range of products to serve the requirements of the personal care sector.

Honeywell's 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. We strive to gain a fundamental understanding of the technology challenges and needs encountered by customers, and on developing customized solutions to meet these needs.

BENEFITS & FEATURES

- Extremely high levels of purity and consistency of purity enable reliability
- Meets analytical standards of recognized pharmacopoeia
- Meets regulation requirements including cGMP and HACCP production standards
- 200 years expertise with dedicated Technical Center of Excellence with focus on innovation and safety
- Comprehensive product portfolio and global supply chain to help meet volume
- Flexible production processes to help meet customization requirements

PERSONAL CARE APPLICATIONS

Code	Product	Grade / Standard	Function	End-Use Application
11016	Aluminum chloride-6-hydrate	Extra Pure, Ph. Eur., BP, USP	Anti-perspirant	Deodorants, roll-on
12065	Calcium Chloride dihydrate	Ph. Eur., BP, USP, FCC, E509	Viscosity, astringent	Skin care, deodorants
31218	Calcium nitrate-4-hydrate	p.A., Reag. ACS	Hydroxyapatite	Plastic surgery, implants, dermal fillers
13117	Magnesium hydroxide carbonate	Extra Pure, Ph. Eur., BP, E504	Anti-perspirant	Deodorants, roll-on
4422	Phosphorous Acid	Pure	Chelating agent	Soaps, detergents
13913	Strontium hydroxide-8-hydrate	Pure	pH stabilization	Hair removal products
14419	Zinc Hydroxide Carbonate	Technical	Anti-perspirant, UV filter	Deodorants, roll-on, sunscreen
14439	Zinc oxide	Ph. Eur., BP, USP	UV filter	Sunscreen
14455	Zinc sulfate-7-hydrate	Extra Pure, Ph. Eur., BP, USP, FCC	Anti-microbial	Hand sanitizers, soaps

ORAL CARE APPLICATIONS

Code	Product	Grade / Standard	Function	End-Use Application
12010	Calcium carbonate	Extra Pure, Ph. Eur., BP, USP, FCC, E170	Abrasive	Toothpaste
53013	Calcium tungstate		Additive	Dentistry
27285	EDTA disodium salt-2-hydrate	Extra Pure, Ph. Eur., BP, USP, FCC	Softener	Toothpaste, mouthwash
13117	Magnesium hydroxide carbonate	Extra Pure, Ph. Eur., BP, E504	Implants	Dentistry
1727	Potassium hexafluorotitanate	Pure	Catalyst	Dentistry
31321	Potassium nitrate	cGMP, Ph. Eur., BP, USP	cGMP, desensitizer	Toothpaste, mouthwash
31345	Potassium nitrate		Desensitizer	Toothpaste, mouthwash
223425	Potassium oxylate		Whitening	Mouthwash, dentistry
31432	Sodium carbonate, anhydrous	Reag. ACS, Reag. ISO, Reag. Ph. Eur.	pH	Toothpaste
13414	Sodium carbonate-10-hydrate	Ph. Eur., BP, FCC, E500	pH	Toothpaste, mouthwash
13568	Sodium carbonate-10-hydrate		pH	Toothpaste
1249	Sodium fluoride	Extra Pure, Ph. Eur., BP, USP	Anti-gingivitis, anti-halitosis	Toothpaste, mouthwash
25072	Strontium acetate		Desensitizer	Toothpaste
13939	Strontium chloride-6-hydrate	Extra Pure	Desensitizer	Toothpaste
1346	Strontium fluoride		Pigment	Toothpaste, dentistry
14571	Tin (II) chloride solution		Anti-gingivitis, anti-halitosis	Mouthwash
1160	Tin (II) fluoride	cGMP, Ph. Eur., BP, USP	Anti-gingivitis, anti-cavity, anti-halitosis	Toothpaste, mouthwash, dentistry
1285	Tin (II) fluoride	Extra Pure, USP	Anti-gingivitis, anti-cavity, anti-halitosis	Toothpaste, mouthwash
14529	Tin (IV) oxide, amorphous		Pigment	Dentistry
14566	Tin chloride-2 hydrate		Anti-gingivitis, anti-halitosis	Toothpaste, mouthwash
14567	Tin chloride-2 hydrate + anti-caking		Anti-gingivitis, anti-halitosis	Toothpaste
14027	Titanium dioxide	Extra Pure, Ph. Eur., BP, USP	Pigment	Toothpaste
10464	Yttrium oxide		Pigment	Dentistry
14423	Zinc chloride	Ph. Eur., BP, USP	Anti-halitosis	Mouthwash
14439	Zinc oxide		Pigment	Toothpaste, dentistry
14455	Zinc sulfate-7-hydrate	Extra Pure, Ph. Eur., BP, USP, FCC	Anti-halitosis	Toothpaste, mouthwash



RESPONSIBLE CARE®
OUR COMMITMENT TO SUSTAINABILITY

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BRO-22-35-EN | Rev. 2 | 05/22
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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell