

Nouryon

Berol[®] Dewatering aids

Mining Chemicals

Nouryon, formerly AkzoNobel Specialty Chemicals, has more than 50 years of experience in the field of flotation collectors for phosphate, potash, calcite and iron ores. Processing additives like frothers and Berol filtration aids help improve processing further.

Berol dewatering aids optimize performance of your filtration process

Berol 1007 and Berol 1008 - dewatering aids

Berol dewatering aids help release the residual moisture entrapped in the capillaries of the pulp by reduction of the surface tension.

Benefits

- Increased production rate / capacity of filtration
- Lower the water content in the concentrate
- Reduced drying energy
- Enhanced filtration performance for fine fractions in particular

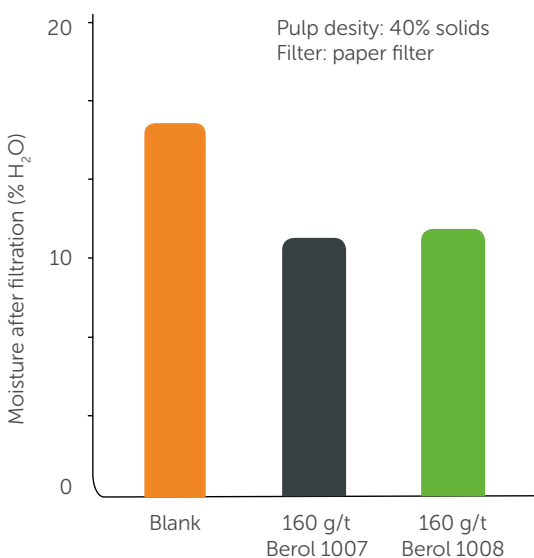
Moisture reduction

Moisture reduction (%) vs the conventional filtration without addition of dewatering-aids

Ore Filtration aid	Phosphate	Iron	Calcite
Berol 1007	6.2	2.3	1.6
Berol 1008	6.2	2.2	4.3

Dewatering aids

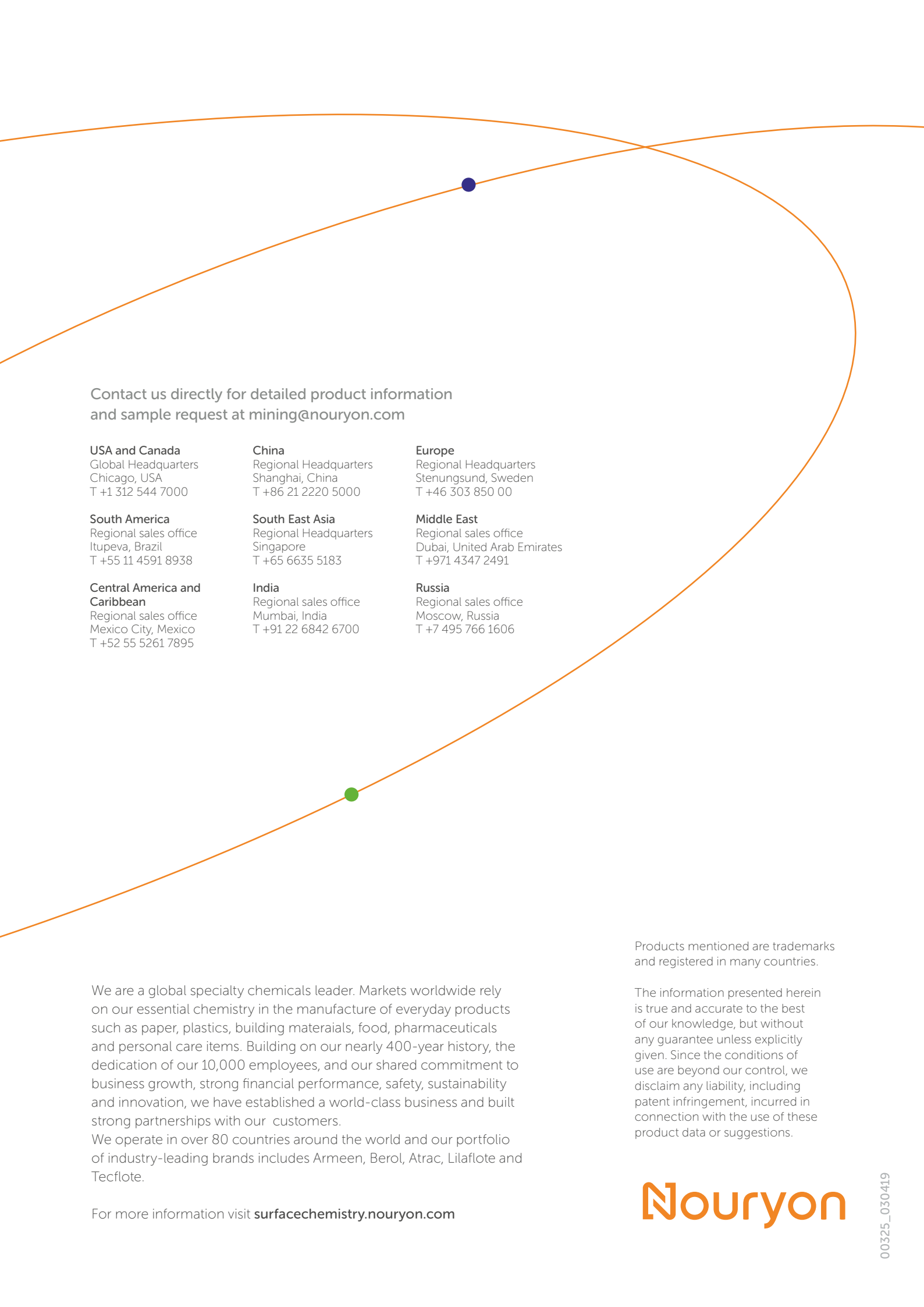
Results on dry apatite concentrate in synthetic process water



- Berol filtration aids are suitable for concentrates like Phosphate, Iron, Calcite, Potash, Manganese, Copper
- Benefits are observed for most filter types e.g. Vacuum, Pressurized, Plate, Drum, Disc, Centrifuge, Belt



Berol dewatering aids - high performing process additives to improve filtration



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We are a global specialty chemicals leader. Markets worldwide rely on our essential chemistry in the manufacture of everyday products such as paper, plastics, building materials, food, pharmaceuticals and personal care items. Building on our nearly 400-year history, the dedication of our 10,000 employees, and our shared commitment to business growth, strong financial performance, safety, sustainability and innovation, we have established a world-class business and built strong partnerships with our customers.

We operate in over 80 countries around the world and our portfolio of industry-leading brands includes Armeen, Berol, Atrac, Lilaflo and Tecflo.

For more information visit surfacechemistry.nouryon.com

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