



**Italmatch Chemicals**

ADVANCED WATER SOLUTIONS

# Italmatch Chemicals Advanced Water Solutions

---



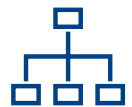
[aws.italmatch.com](http://aws.italmatch.com)  

# Italmatch at a glance



**For over 20 years,  
sustainable chemistry  
for a better life. Worldwide.**

Italmatch Chemicals is a leading global chemical group, specialising in performance additives and solutions for water treatment, lubricants, oil & gas and plastics, flame retardants and boasts a wide product range able to fulfil the requirements of the most demanding applications, including personal care.



## Italmatch Chemicals Group

**6**

Business Units

**19**

Manufacturing sites



## Group's end markets



Performance Products & Specialties



Advanced Water Solutions



Flame Retardants Additives



Lubricant Performance Additives



Oil and Gas Solutions



Personal Care, Fabric Softeners & Plastic Additives



## Advanced Water Solutions numbers

**7**

R&D Centers

**100**

Patents granted

**100**

R&D and technical support team



# Italmatch global presence



## Americas

Brazil  
Canada  
USA



## EMEA

Belgium  
France  
Germany  
Italy  
Poland  
Saudi Arabia  
Spain  
UAE  
UK



## APAC

China  
India  
Japan  
Singapore



- FLEXIBLE PLANTS MULTI-CHEMISTRY IN DIFFERENT WORLD REGION
- OFFICES & LOGISTIC POINTS

We don't just offer products, **we offer solutions**



---

Fresh synergies



---

Dedicated R&D and Technical Support teams



---

Innovative solutions



---

Worldwide Production facilities

## We have a Sustainable business model

---

We are passionately committed to helping our customers meet today's (and tomorrow's) increasingly demanding sustainability targets and regulatory requirements, especially by conserving water, minimizing waste and promoting energy efficiency

Our technology helps to manage water resources



We have a global vision with a local presence bringing shared values and wellness to our stakeholders



Respect for people, the environment and local communities



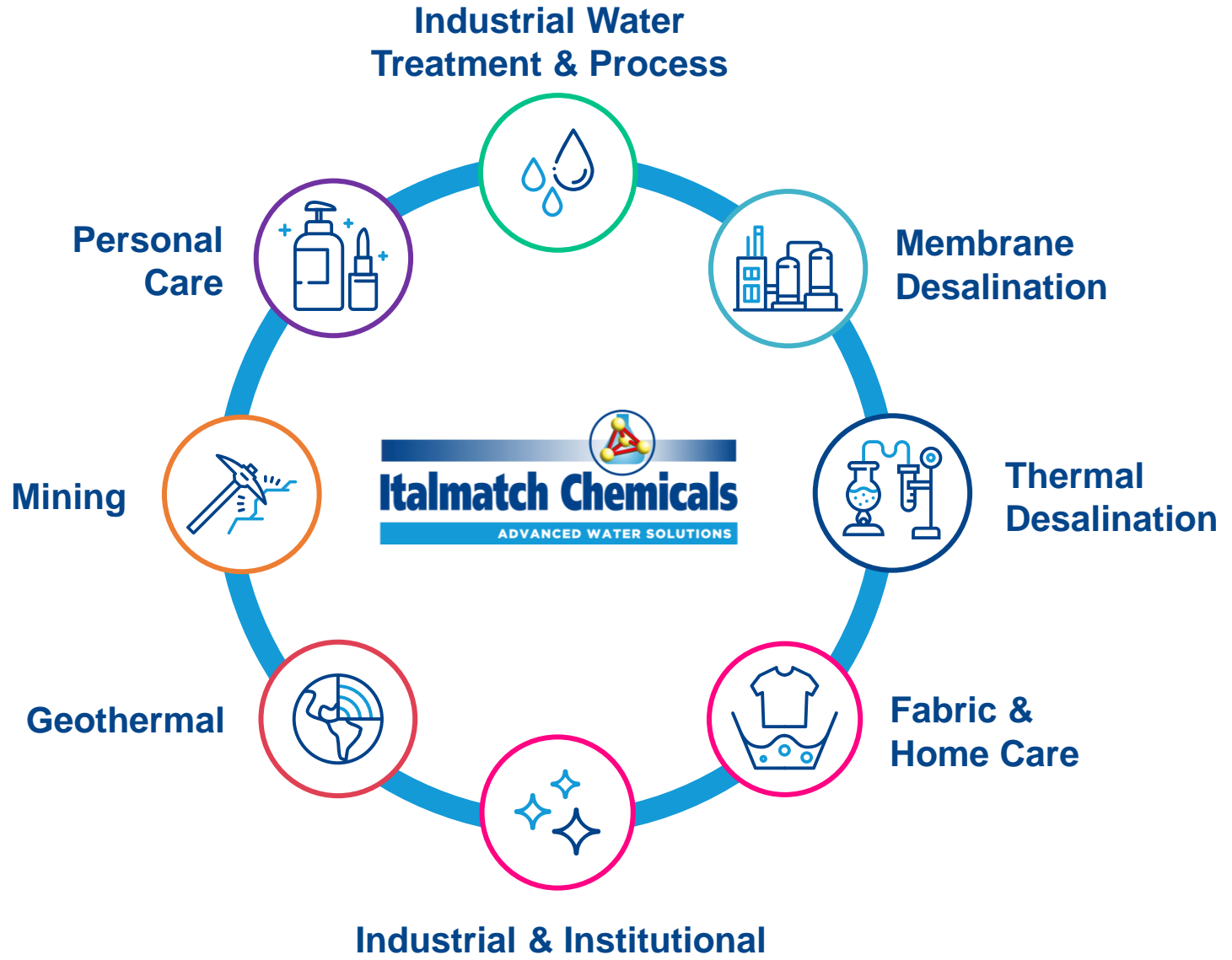
We are constantly adapting and researching



# Advanced Water Solutions end markets

A complete portfolio for your **water treatment challenges**

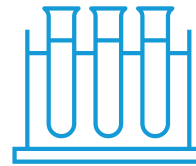
Our **specialty water management additives** are used throughout the world across industries including:





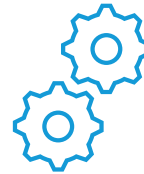
## Industrial Water Treatment & Process

Treatment of water is our heritage: our expertise covers all areas of water use



### Functionalities

Scale Inhibitors & Dispersants, Corrosion Inhibitors, Biocides, Coagulants, Flocculants



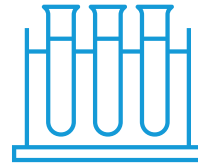
### Applications

Industrial Water Treatment (Cooling, Boiler, Waste Water), Inhibited Deicers



## Membrane Desalination

A cost efficient and sustainable way of addressing the challenges in industrial water conditioning, freshwater production and reuse



### Solutions

Antiscalants, Membrane Cleaners  
Biocides, Coagulants & Flocculants



### Services

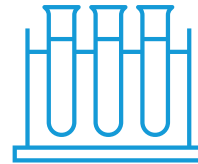
Holistic approach  
Product & dose rate software, Monitoring,  
On- and off-site technical support and root cause analysis: membrane autopsies, water & deposit analysis, membrane cleaning procedures and procedure development/optimization





## Thermal Desalination

Reliable solutions for today's and tomorrow's evaporation systems for both potable and industrial applications



### Solutions

Antiscalants, Antifoams



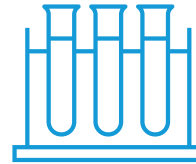
### Services

Monitoring, On- and off-site technical support and root cause analysis: system inspections, water & deposit analysis, cleaning procedures and procedure development/optimization



## Geothermal

Solutions tailored to perform under challenging conditions of high salinity, temperatures and pressures found in a typical deep geothermal application



### Solutions

Scale Inhibitors & Dispersants,  
Corrosion inhibitors



### Services

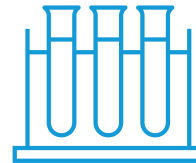
Production wells, pipelines, surface equipment and reinjection wells scale and corrosion protection (Calcite scale, Amorphous silica scale, Metal silicate scale, Stibnite scale, NORMS inhibition)

Innovative, thermally stable, dispersants and inhibitors to maximise system efficiency and extend plant lifetime



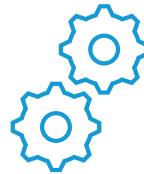
## Mining

Innovative answers  
for the mining and  
metal processing  
industries



## Solutions

Solvent extractants, scavenging resins,  
Membrane antiscalants (RO/NF), Scale  
inhibitors



## Applications

Co/Ni, REE, PGM and critical metal recovery  
from both traditional ore mining and urban  
mining (recycled Li-Ion batteries, magnets and  
other feedstocks)  
Scale control in gold leaching & recovery  
systems

# Italmatch

---

Bellacide®

Dequest SPE®

Qualipol®

Ionquest®

Qualifloc®

Belite®



Bromicide®

Geogard®

Belcor®

Dequest®

Liquibrom®