



Chemipol

Working for a sustainable life

Chemical specialties for water treatment

WATER DESALINATION (WD)

WASTE WATER TREATMENT (WWT)

INDUSTRIAL COOLING WATER (ICW)



Terrassa, July 2017





Company

Chemipol is a chemical company established in 1979, manufacturer and supplier of a wide range of biocides, additives and process chemicals.

Chemipol in the world





Company

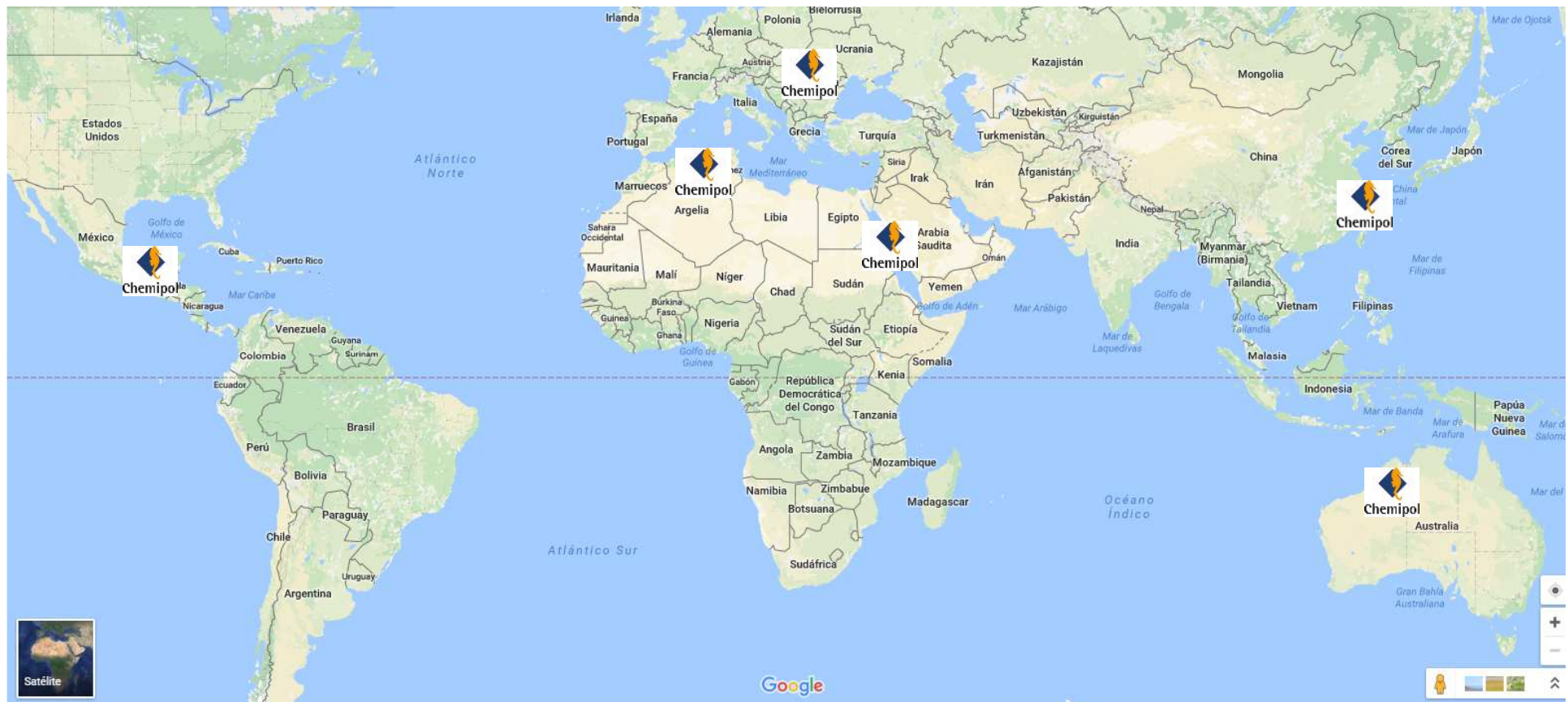
Chemipol technical-sales teams throughout Spain (8):





Company

Chemipol technical-sales teams throughout world (4+2 Freelance):





Company

INDUSTRIES WE SUPPLY	PRODUCTS WE PROVIDE
<p>Water cooling circuits and boilers Water desalination Waste water treatment Water purification</p>	<p>Biocides Process chemicals Equipment and dosing systems</p>
<p>Personal care Household care</p>	<p>Preservatives Multifunctional additives Plant hygiene products Microbiological services</p>
<p>Agrochemical</p>	<p>Biocides Performance additives</p>
<p>Paper</p>	<p>Biocides Performance additives Process chemicals</p>
<p>Oilfield and fuel</p>	<p>Biocides Performance additives</p>
<p>Paints, coatings and inks Polymer emulsions Construction chemicals</p>	<p>Biocides Performance additives Pigments Decorative bases</p>



Products for Waste Water Treatment (WWT)

PRODUCTS WE PROVIDE TO WASTE WATER TREATMENT PLANTS:

<u>Name (family-series)</u>	<u>Product</u>	<u>Volume (2016)</u>
CHEMIFLOC	Flocculants and Coagulants (powder, emulsion)	> 3.800 tons
CHEMIPOL WT	Antiscaling/descaling agents (tertiary)	> 175 tons
DENSIPOL	Defoaming agents	> 380 tons
Equipments	Preparation equipment and laboratory	



Products for Water Desalination (WD)

PRODUCTS WE PROVIDE FOR WATER DESALINATION PLANTS:

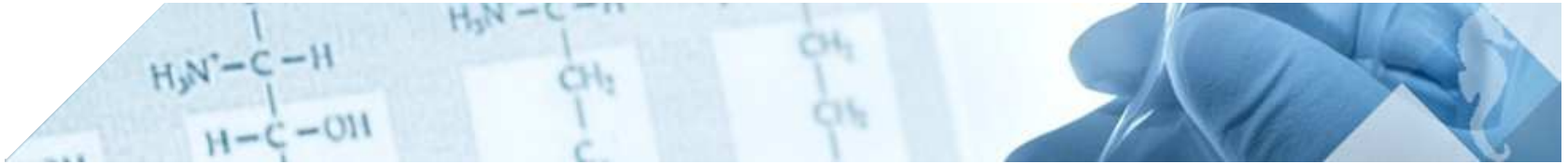
<u>Product families</u>	<u>Description</u>	<u>Volumes (2014)</u>
CHEMIFLOC	Flocculants and Coagulants (powder, emulsion)	> 250 mtn
CHEMIPOL WT	Antiscaling/descaling agents	> 690 mtn
BIOPOL	Biocides for microbial control	> 110 mtn
CHEMINET	Cleaning solutions	> 225 mtn
OSMOPOL	Determination of scale risk	
Equipments	Preparation equipment and laboratory	
FILTERPOL	PP cartridge filters	> 100.000 units
ANTRAPOL	Anthracite	> 600 m ³



Products for Industrial Water Circuits (IC)

PRODUCTS WE PROVIDE FOR COOLING SYSTEMS AND BOILERS:

<u>Name (family-series)</u>	<u>Product</u>	<u>Volume (2013)</u>
BIOPOL / MEFACIDE	Biocides	> 285 tons
DENSIPOL	Defoamers	> 177 tons
CHEMIPOL IC	Corrosion and scale inhibitors for cooling circuits	> 180 tons
DETERPOL	Descalants for cooling circuits	> 150 tons
CHEMIPOL BD	Biodispersants for cooling circuits	> 80 tons
CHEMIPOL BO	Corrosion and scale inhibitors for boilers	> 90 tons



Our expert services

Chemipol offers expert technical support services that include:

Services to Wastewater Treatment Plants

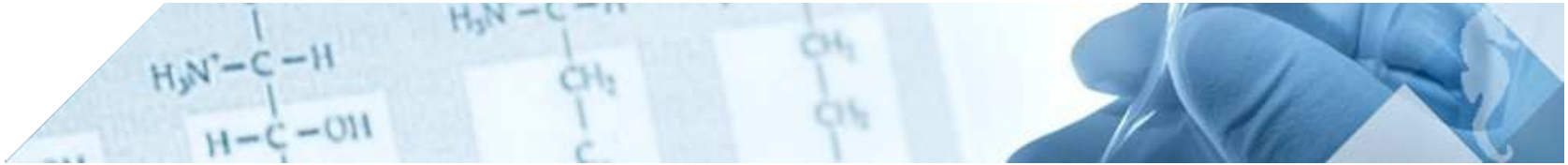
- Processes improvement.
- Foam control.
- Jar tests.
- Flocculation tests.

Services to Reverse Osmosis Filtration Plants

- Antiscaling characterization and efficacy tests (**software OSMOPOL®**).
- RO membrane autopsies.
- Physico-chemical water analysis.
- Analysis of metals in water.

Services for suppliers to Cooling Circuits and Boilers

- Physico-chemical water analysis.
- Processes improvement.
- Product characterization and efficacy tests (software).



Briefly What makes Chemipol interesting?

- Able to supply locally and globally.

- Wide range of products.

- Outstanding expertise

(Team with more than 40 years of experience)

(Composed by 6 technical, 2 R&D technical and 15 technical-sales).

- Supply service (full package).

- Tailor makers (full range of products)

- Analytical service.



References Europe/ Africa/ Middle East/ Asia

SPAIN

WWT:

EMMSA
AGUAS DE VALLADOLID
FACSA
CANAL DE ISABEL II
EGEVASA (Valencia)

AQUAGEST
EMASAGRA
CONS. AGUAS ASTURIANAS
AIG. I SANEJAMENT D'ELX
ESA. MUNIC. AGUAS CORUÑA

DEP. AGUAS MEDITERRANEO
EMARSA
EDAR ARROYO CULEBRO
SCDAD. ESP. AGUAS FILTRADAS
ACCIONA AGUA

DEGREMONTAQUALIA-FCC
TRATAM. IND. AGUAS
SANEAMIENTO ZAMORA
ESA. MUNIC. AGUAS GIJÓN

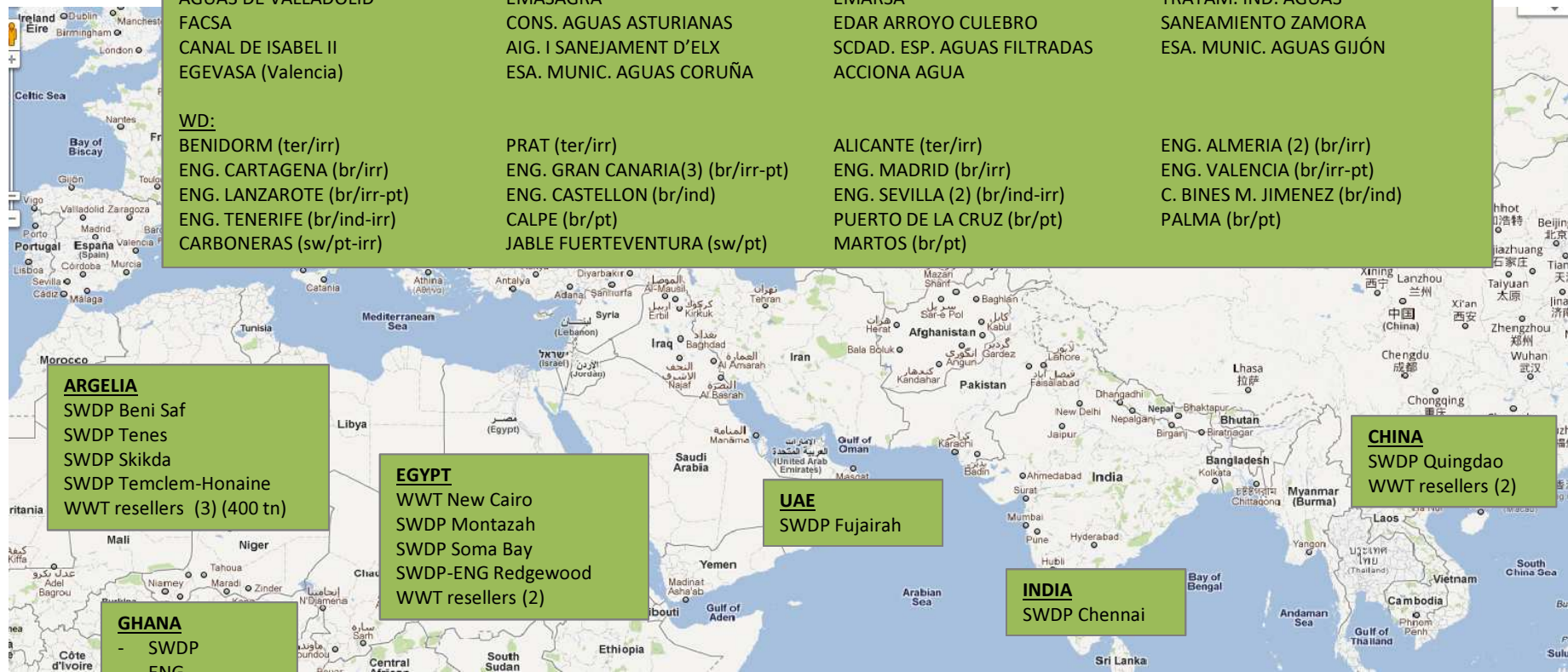
WD:

BENIDORM (ter/irr)
ENG. CARTAGENA (br/irr)
ENG. LANZAROTE (br/irr-pt)
ENG. TENERIFE (br/ind-irr)
CARBONERAS (sw/pt-irr)

PRAT (ter/irr)
ENG. GRAN CANARIA(3) (br/irr-pt)
ENG. CASTELLON (br/ind)
CALPE (br/pt)
JABLE FUERTEVENTURA (sw/pt)

ALICANTE (ter/irr)
ENG. MADRID (br/irr)
ENG. SEVILLA (2) (br/ind-irr)
PUERTO DE LA CRUZ (br/pt)
MARTOS (br/pt)

ENG. ALMERIA (2) (br/irr)
ENG. VALENCIA (br/irr-pt)
C. BINES M. JIMENEZ (br/ind)
PALMA (br/pt)



WWT: waste water treatment ; SWDP: sea water desalination plant ; ENG: engineering-maintenance ;
br: brackish ; sw: sea water ; ter: tertiary - irr: irrigation ; pt: potable ; ind: industrial



References America



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