Your Chemistry Partner!

SoleChem®

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SoleChem® is the pioneering chemistry company, providing water & wastewater treatment chemicals, mining chemicals, textile chemicals and raw chemical materials for all industries.
OUR VISION
Our vision is to make our World more clean and green; preserving people and our vital natural resources

OUR MISSION
Our mission is to be an innovative, reliable and global business partner which raises the standards in its field

OUR VALUES
To be flexible and solution oriented
To approach technically to what we do
To stay focused on target, even in the most difficult circumstances.
ORGANIZATION
SoleChem assigns a dedicated customer representative to each of its customers. These representatives take care of our customers’ needs, offer suggestions and solutions for their problems.

TRIAL PROCESS
Purpose of the trial process is to apply the products that worked best on laboratory tests. The results are reported by our team, after the trials on the field.

TECHNICAL SERVICE AFTER SALES
With our after sales service, we aim to ensure reliability by conducting regular field inspections and laboratory analysis.
SoleChem® Chemistry has a wide range of products, namely industrial process water treatment chemicals, waste water treatment chemicals, mining chemicals, textile chemicals and raw chemical materials and also provides technical services with its experienced engineers.
1-) INDUSTRIAL PROCESS WATER TREATMENT CHEMICALS

Raw Water Treatment

A good "pre-treatment" is essential to protect your downstream processes and save costs. SoleChem® offers a variety of chemicals to remove or reduce the contaminants in your raw water, such as suspended solids, organics, hardness, heavy metals such as manganese, iron, lead and arsenic.

Our Products:
- Demineralization Resins
- Sand Filter Enhancing Chemicals
- Softening Resins (Ca & Mg Removal)
- Fe & Mn Removal Filters
- Anthracite
- Cartridge Filters
Membrane Chemicals

All Reverse Osmosis (RO) feed waters are different in ionic composition. As a result, different types of scale may deposit on the membranes if the correct antiscalant is not used. SoleChem® helps select the right antiscalant and cleaning chemicals that will optimise operating efficiency and help prevent plant failure.

Our Products:
• RO & NF Antiscalants
• RO Biocides
• RO & NF Cleaning Chemicals
• UF Coagulants
Boiler and Steam Line Treatment

SoleChem® treatment chemicals help prevent deposition and corrosion in boilers and also protect against breakdowns of steam lines in order to make sure the system is up and running with full capacity.

Our engineers regularly provide reports of the lab analysis and suggestions for the system. Thus, our customers can take measures for potential problems in advance.

Our Products:
• Organic & Inorganic Anti Deposit & Scale Inhibitors
• Neutralizing Amines for Steam Lines
• Oxygen Scavengers
• Film Forming Amines
Cooling Tower Treatment

Mineral scale buildup in cooling towers is a common challenge for many industrial water systems. If inadequately treated, this buildup impedes performance, shortens infrastructure lifetime and increases the consumption of both water and energy.

**SoleChem**® ensures the best treatment for your system and by regularly reporting the data, lets you know that your system is protected.

**Our Products:**
- Organic & Inorganic Anti Corrosive & Anti Scaling Inhibitors
- Dispersants
- Organic & Inorganic Biocides
Closed Circuit Treatment

Treating delicate systems like closed circuits with right chemicals by an expert team is always important.

SoleChem®, protects your system against deposition and corrosion (e.g. copper, brass) by balancing your close circuit water.

Our Products:
• Anti Corrosive & Anti Scaling Inhibitors
• Copper Corrosion Inhibitors
• Biocides
2-) WASTEWATER TREATMENT

Using the most effective flocculant and coagulant combination for your wastewater, SoleChem® helps you stay well below the regulated discharge parameters.

Our chemicals for sludge dewatering systems, help maintain the dryest cake possible. Solechem® minimizes your costs, saves water and energy, optimizes your operator and equipment efficiency with its knowledge of chemistry, product quality and experienced field engineers.

Our Products:
• Organic & Inorganic Coagulants
• Anionic/Cationic/Non-ionic Flocculants
• Decolorants
• Odour Removal Agents
• Anti-Foaming Agents (Defoamers)
• Heavy Metals (Fe, Zn, Ar, Cu, Cr, Ni, Hg, Cd, Pb etc.) & Aluminium Removers
• Fluoride Removers
3-) PERFORMANCE CHEMICALS FOR BIOGAS PLANTS

All industrial biogas processes are unique, in terms of feed input, digesting technique and final gas composition. The most important part of optimization of biogas production is the performance of digesters which are the heart of the process.

SoleChem® provides the most suitable micro nutrition environment for methane forming bacteria, reduce H₂S amount and prevent foaming by specially selected chemicals.

**Our Products:**
- H₂S Scavengers
- Methane Optimizing Chemicals
- Anti-Foaming Agents (Defoamers)
4-) ANTISCALANTS FOR GEOTHERMAL PLANTS

Geothermal plants continuously face scaling challenges. Scaling creates blockages in the pipelines where the running fluid has a complex chemical composition varying from area to area. Scaling can reduce plant generation capacity factors and cause loss in well injectivity.

SoleChem® analyzes all the factors with state-of-the-art off-site equipment and finds the optimal solution by formulating the most ideal antiscalants for the system and scale structures; also supplies corrosion inhibitors for closed-circuit systems and heat exchangers and cleaning chemicals for already formed scales.

Our Products:

• AquaRedd® series of antiscalants, specially formulated for high temperature systems for the prevention of Ca, Mg, Silica and Sulphate scaling
• Scale cleaning chemicals for geothermal plants
• Scale and corrosion inhibitors for closed-circuit systems and heat exchangers
5-) MINING CHEMICALS

SoleChem® has been a trusted partner for mining operators worldwide, supplying innovative chemical solutions for the purpose of process optimization.

With its high quality mining series of chemicals, helps mining operators boost productivity and decrease running costs.

Our Products:
- Anionic & Cationic Collectors
- Flotation Reagents
- Xanthates (PAX, PEX, SIPX, SIBX, KEX, NaEX, NaIPX, KAX)
- Frothers (Surfactants)
- Depressants
- Antiscalants
- Anionic, Cationic & Nonionic Flocculants
- Organic & Inorganic Coagulants
- Antifoaming Agents
MiningDepressants

Depressants are required to give a low affinity to active sites on valuable mineral surfaces and a high affinity for gangue minerals and some sulfides.

Typically, depressants prevent collector adsorption or bubble attachment to unwanted mineral surfaces. This increases the selectivity of flotation, rendering certain minerals hydrophilic and preventing them floating to the surface.

SoleChem® helps mining operators with the challenge to maximize the recovery of desired minerals while rejecting unwanted gangue components.

Our Products:
- Iron Sulphide (Pyrite, Pyrrhotite, Marcasite) Suppressants
- Clay Suppressants
- Enargite Suppressants
- Tetrahedrite Suppressants
SoleChem® aims to find the best combination of coagulants and flocculants for the thickeners, also supplies chemicals for sludge dewatering systems, helping maintain the dryest cake possible.

Solechem®, with its knowledge of chemistry, product quality and experienced field engineers, minimizes your costs, saves water and energy, optimizes your operator and equipment efficiency.

Our Products:
- Organic & Inorganic Coagulants
- Anionic & Cationic & Non-ionic Flocculants
- Anti-Foaming Agents (Defoamers)
Mining Antiscalants

One of the biggest challenges in harsh mining conditions is the clogging of pipelines. It is also hard to determine the best antiscalant for each system, since the temperature, pH and ion concentrations vary from field to field.

SoleChem® formulates the optimal antiscalant with its state-of-the-art equipments to reduce downtime, eliminate adverse effects on ore recovery and boost productions of mining operators.

Our Products:
• AquaRedd® series of antiscalants, specially formulated for mining operations, for the prevention of Mg, Ba, Sulphate, Silica, etc. scaling
SoleChem® provides chemical products for the entire textile industry production process. This division of SoleChem® offers comprehensive and innovative solutions for each treatment phases of textile processing: preparation, dyeing, printing, coatings, finishes, etc.

Our Products:
- Sizing Chemicals
- Wetting Agents
- Ion Immobilizers
- Enzymes
- Knitting Oil
- Oil Removers
- Antifoaming Agents
- Stabilizers
- Dispersing Agents
Each of the chemical products has been carefully developed using the latest technologies, focusing on the latest textile trends and demands.

*SoleChem*® offers the most ideal formulations to make your products just like you envisioned: smooth or soft, glossy or matte, crease resistant, shrink proof, dirt, oil or water repellent, etc..

**Our Products:**
- Leveling Agents
- Anti Creasing Agents
- Washing Agents
- Fixing Agents
- Mordanting Agents
- Cationic & Nonionic Softeners
- Micro & Macro & Hydrophilic Silicones
- Special Finishing Agents (Flame Retardant, Water Repellant, Antistatic)
Denim and Garment Chemicals

Denim is very special among textiles. From spinning to garment finishing, SoleChem® offers products that assure optimized processes and financial benefits. SoleChem® enzymes offer advantages of lower temperature and less water in garment finishing, saving your valuable resources, and high quality softeners improve the touch while protecting the fabric from damage.

Our Products:
• Size Removing Enzyme
• Neutral Powder Stone Enzyme
• Biopolishing Enzyme
• Laccase Enzyme
• Cationic & Nonionic & Ester Quaternary Softeners
• Silicone Softeners
• Special Effect Products
7-) RAW CHEMICAL MATERIALS

For many years as a chemical supplier, Solechem® has been sourcing raw chemical materials and supplying them to manufacturers and customers working in key industrial and consumer marketplaces.

Solechem® works as a full-service chemical supplier partner, helping its customers meet manufacturing and distribution requirements at all levels of the supply chain.

Our Products:

Sodium Hydroxide  
Sodium Carbonate  
Sodium Metabisulfite  
Sodium Hydrosulfide  
Sodium Dodecyl Sulphate  
Sodium Bichromate  
Ethylenediaminetetraacetic Acid (EDTA)  
Polyethylene Glycol  
Sodium Benzoate  
Citric Acid Monohydrate  
Titanium Dioxide  
Aluminium Sulphate  
Ammonium Chloride  
Ammonium Sulfate  
Barium Carbonate  
Barium Chloride  
Ferric Sulfate  
Ferric Chloride  
Magnesium Chloride  
Sodium Silicate  
Sodium Diisobutyl Dithiophosphinate  
Calcium Hydroxide  
Copper Sulfate  
Zinc Sulfate
Methyl Isobutyl Carbinol (MIBC)
2-Ethyhexanol
Polyvinyl Alcohol
Naphthalene Sulfonate
Potassium Carbonate
Potassium Persulfate
Sodium Ethyl Hexyl Sulphate
Sodium Gluconate
Sodium Nitrate
Sodium Nitrite
Sodium Persulfate
Sodium Sulfate
Sodium Sulfide
Sodium Thiosulfate
Butyl Diglycol
Butyl Glycol
Diethylene Glycol
Dipropylene Glycol
Polyethylene Glycol
Sodium Acetate
Trichloroethylene
Triisopropanolamine

Dimethylformamide
Dicyandiamide
Glycerol
Castor Oil
Acrylic Acid
Acetic Acid
Benzoic Acid
Formic Acid
Phosphoric Acid
Maleic Acid
Oxalic Acid
Stearic Acid
Sulphuric Acid
Diammonium Phosphate
Monosodium Phosphate
Sodium Hexametaphosphate
Trisodium Phosphate
Tributyl Phosphate
Butyl Acetate
Ethyl Acetate
Methylene Chloride
Perchloroethylene
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