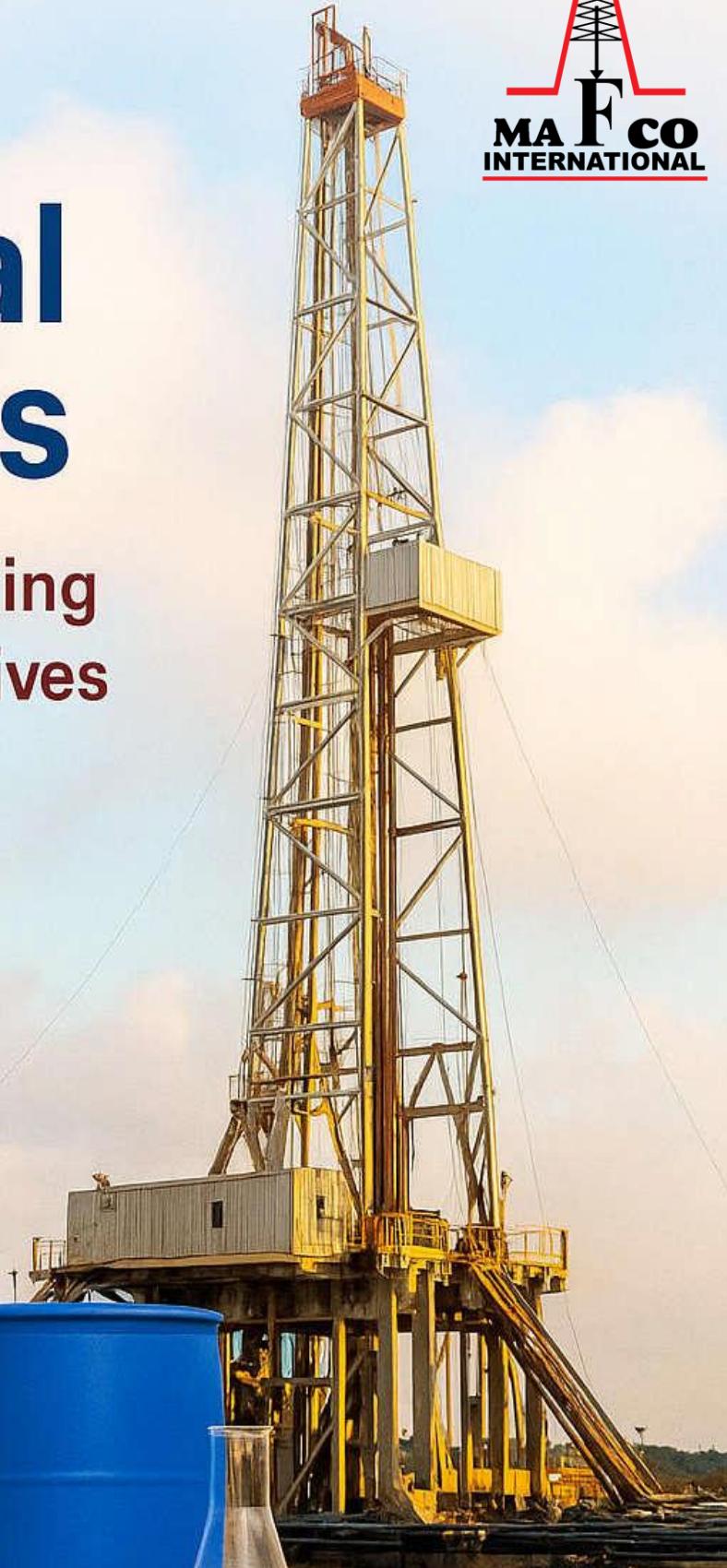


# Oilfield Chemical Solutions

Specialized Cementing  
& Stimulation Additives





## MAFCO INTERNATIONAL GENERAL TRADING LLC

Oilfield Chemical Additives Supplier

### Company Overview:

Established in 2006, Mafco International General Trading has been a reliable and capable supplier in oil and gas chemical additives, Equipment and spare parts. Since its foundation, the company has actively supplied high-quality drilling, cementing and stimulation additives comply with API standard and client's requirement.

We partner with leading manufacturers from Europe, India, and China to deliver reliable, field-proven solutions that meet the challenging requirement of upstream operation.

Our company MAFCO provides an International Procurement Services specializing in the sourcing of Equipment, spare parts at a very competitive price. Our employees are skilled in the Drilling of Oil, Gas and Mechanical Industries with years of experience. Our suppliers are mainly from USA, Canada, Europe, India and the Far East.

Our main activities are to provide Oil well Cement, Acid, Additives, Mud materials (Oil & Water base Mud), equipment, tools and spare parts for Drilling. We deal with Companies based in the GCC and the Neighboring Middle East Countries.

We are currently working with a company in the U.A.E, supplying Oil Well Cement Grade G API 10A at a very competitive price both locally and to the Neighboring Countries.





## Cementing Additives

Additives for Oil & Gas Well Cementing

Product	Description	Typical Application
Fluid Loss control Additive	Fluid loss control additives are added to cement slurries to reduce the possibility of dehydration opposite porous zones and consequently flash setting of the cement. Loss of fluid from the slurry will result in increasing slurry viscosity and gradient and higher circulating pressures. When squeeze cement slurries it is desired to get an effective squeeze against the entire formation and not just squeeze cement filtrate into it.	Medium to High Temperature down hole condition and available to mix with fresh water and Salt saturated water.
Cement Retarders	Cementing retarders are suitable to Increase the thickening time of the cement slurries to enable proper placement time and is applicable for primary and secondary cementing jobs and is compatible with all API Oil well cements.	Low to High Temperature down hole condition and available to mix with fresh water and Salt saturated water and low to High densities of cement Slurries.
Dispersant	Friction reducers are dispersing agents which can be added to the slurry to reduce its viscosity and thus the frictional pressure losses in the system while displacing (or squeezing) the cement.	Low to High Temperature down hole condition and available to mix with fresh water and Salt saturated water and low to High densities of cement Slurries.
Extender (Macroblock)	Cement extender used for reduce the Density of the cement system and increase the cement slurry yield and a compressive strength enhancer for low temperature light weight cements.	Applied in weak or low-pressure formations
Accelerator	Accelerators are using for reduce the setting time and increase the rate of Compressive strength, speeds up or shortens the normal rate of reaction time between cement and water which shortens the thickening time of the cement and increases the early strength of the cement required for the cement slurry to become hardened mass.	Used in shallow and low-temperature wells
Anti-Gas Migration Additive	Anti-gas migration agent prevents gas migration from occurring during a cementing operation. while placing cement slurry, gas migration can make the quality of cement poor and cause channeling in cement sheath, therefore using antigas migration additive can enhance the quality of cement.	Critical in gas-prone zones Available in Liquid and powder types
Defoamer	Eliminates or prevents foam during mixing	Ensures consistent slurry density
Expanding Agent	Compensates for cement shrinkage	Enhances zonal isolation
API G Class Cement (HSR Type)	High sulfate resistant cement for primary well cementing	Used in corrosive environments with high sulfate concentrations



## Stimulation Additives

Acidizing and Fracturing Chemicals



Product	Description	Typical Application
Corrosion Inhibitor	This liquid chemical, effectively protects metal against corrosive attack from organic acids such as acetic, citric and formic acid. It is also effective in preventing corrosion due to sulphuric and phosphoric acids. Corrosion Inhibitor may be added to the dilution water prior to the addition of concentrated HCl or it may be added directly to the various concentrations of HCl.	This product is effective in all Hydrochloric Acid concentrations up to 28% and 210 F.
Inhibitor Aid / Intensifier	This liquid acid corrosion inhibitor intensifier specifically developed to significantly extend the corrosion inhibition properties of conventional acid corrosion inhibitors in hydrochloric acid-based systems at temperature higher than 210F.	The Inhibitor aid is designed to synergistically complement and extend the range of conventional liquid acid corrosion inhibitors.
H2S Scavenger	This chemical is an oil soluble, brine-dispersible corrosion inhibitor that reduces the effects of hydrogen sulfide in stress corrosion cracking processes. H2S Scavenger retards crack growth thereby extending life of metal goods. It can be applied by batch treatment or placement in treating fluids	The product is superior to normal corrosion inhibitors when used in systems experiencing failure due to cracking.
Iron Control/Reducing Agent	This product is a specifically formulated, liquid iron sequestering agent developed to alleviate the precipitation of hydrous ferric oxide during acidizing operations. And it is a readily forms water soluble complexes with the released ferric ions thus preventing or significantly reducing the precipitation of hydrous ferric oxide as the pH of the acidizing fluid rises above 2.0 as the acid spends on the formation.	Prevents the destabilization of the colloidal dispersion. Minimizes or eliminates asphaltene sludge formation. Reduces the potential for formation damage. Completely soluble in most acidizing fluids. Effective at application temperatures up to 210 °F
Surfactant / Wetting Agent	This product is to Improves acid penetration and clean-up. And it is a mild amphoteric surfactant derived from a tertiary amine specifically selected as a foaming agent for well stimulation operations.	High Brine Tolerance, Thermal Stability >200°C, Compatible with Anionic, Nonionic and Cationic, Foam Booster for High Brine



Non-Emulsifier	This product is a non-ionic surfactant system designed to prevent the emulsification of reservoir fluids by the treating fluids. The product is applicable in varying strengths of acid and water-based stimulation fluids and is for use in either sandstone or carbonate formations. Due to its non-ionic nature, the surfactant is compatible with other non-ionic, cationic and anionic additives	Helps prevent the formation from becoming oil-wet during and after treatment. Reduces surface and interfacial tension to minimize water blocks during fluid recovery. Very dispersible in the various types of treating fluids
Friction/ Gelling Agent	This product is a highly concentrated, high molecular weight anionic, emulsion polymer specifically developed to reduce the friction of aqueous fracturing fluids. And it is an extremely effective friction reducer for aqueous fracturing fluids and is proven in the laboratory to reduce the friction of fresh water by almost 70%. When used at higher application concentrations is also an extremely effective viscosifier for aqueous stimulation fluids including hydrochloric acid and brines.	Proven to be relatively resilient to shear degradation and have good dispersibility attributes in water, brines and acids. Highly effective viscosifier for hydrochloric acid at higher application concentrations and can be used at temperatures up to 300° F
Solvent (Mutual Solvent)	Mutual solvent is a proprietary blend of aliphatic and aromatic organic solvents and surface-active agents which functions as a micellar solvent for use in acidizing operations. It can also be used as an acid additive. It also serves to inhibit emulsions and to remove existing emulsion blocks or water blocks.	is recommended for conventional and unconventional applications onshore, and offshore. When used as an acid additive, it penetrates and removes hydrocarbon coated surfaces to water-wet acid-soluble.
Viscoelastic Surfactant	This non-Polymeric surfactant gelling agent is a patented viscoelastic surfactant (VES) that offers a range of unique benefits when used in acidizing of hydrocarbon-bearing carbonate reservoirs. This product can provide enhanced wormhole network development during carbonate reservoir acidizing, particularly at high temperature, without causing significant face dissolution. It can also be used as a diverting agent for optimized stimulation performance in multistage acidizing treatments of high perforation length wells, particularly horizontal wells.	The ability to divert acid at temperatures up to 350°F/180°C during acid stimulation operations. The ability to treat lower temperature reservoirs at lower dose of VES. A product that performs equally as well in limestone and dolomite reservoirs. Easy field formulation of a single component viscosifier that blends easily into acid without. Viscosifying until neutralized in the reservoir. Better iron tolerance than other VES-based systems for acidizing

## Additional Capabilities

In addition to chemical additives, Mafco International General Trading LLC , also provides sourcing and supply solutions for critical oilfield equipment and spare parts. Our offerings include:

- Delivery of oilfield machinery and equipment
- Spare parts for drilling machinery and equipment
- High-pressure pipes, fittings, and connectors
- Fluids and liquid system related plunger and centrifugal pumps for cementing, acidizing, and drilling operations



We ensure quality and compliance by collaborating with certified global manufacturers, supporting efficient and safe operations at the wellsite.



### Contact Information:

#### **MAFCO International General Trading L.L.C**

U.A.E. P.O. Box: 183912, Dubai U.A.E

Tel: +971 42694366, Fax: +971 42694366

E-mail: [info@mafcointernational.ae](mailto:info@mafcointernational.ae)

URL: [www.mafcointernational.ae](http://www.mafcointernational.ae)