



OIL & GAS PRODUCTS




OIL-Treat®
Oilfield Chemicals for Production

WELL-Treat®
Upstream Products

WET-Treat®
Downstream Products

OIL-Treat[®]

Production Chemicals



Oil & Gas Production chemicals help to enhance production and total hydrocarbon recovery; provide flow assurance and maintain well integrity.

- Demulsifier is used to break water in oil emulsion in crude oil production. The selection of right demulsifier product depends on the characteristics of the crude oil and determined by bottle test procedure.
- Deoiler is used for water clarification of oil in water emulsions. The water separated from crude oil can contain residual amount of oil.
- Corrosion inhibitor is used to prevent corrosive effect of formation water present in crude oil. It is also effective preventing corrosion due to dissolved corrosives gases such as CO₂ & O₂.
- H₂S Scavenger is used to prevent corrosion, odor, bacterial growth and the other potential problems related to H₂S presence. Hydrogen sulfide is very toxic and corrosive even at low concentrations.
- Scale inhibitor is used to prevent various scale deposition such as barium sulfate, calcium carbonate/sulfate in completion and production system. It can be designed tailor-made even for severe conditions, such as low pH atmosphere or in the presence of iron.
- Biocide is used to control microbial growth in various oilfield process fluids such as drilling, completion, workover and fracturing; produced water & injection water; oil and gas transmission lines; gas storage wells, hydrocarbon storage facilities and production wells.
- Oxygen Scavenger is used to prevent oxygen corrosion by capturing dissolved oxygen.
- Pour Point Depressant (PPD) is used to lower the pour point of crude oil; therefore enhances flow assurance.
- Asphaltene/Paraffin inhibitors are used to inhibit or disperse asphaltenes, neutral resins and paraffins. It can be used in pipelines to reduce viscosity and increase flow rate while reducing pumping pressure and enhancing the flow.
- Triethylene Glycol (TEG) is used for gas dehydration by glycol regeneration process.



WELL-Treat[®] Upstream Chemicals

WELL-Treat[®] 1000 Series

DRILLING FLUID PRODUCTS

GREEN Chemicals[®] aims to achieve well stabilization with its products such as fluid loss additives, rheology modifiers, viscosifiers and shale inhibitors while maximizing operational efficiency / safety with its products such as lubricants, corrosion inhibitors, biocides, foamers / defoamers, hydrogen sulfide scavengers from WELL-Treat[®] 1000 product group.

WELL-Treat[®] 2000 Series

CEMENTING PRODUCTS

Being developed by GREEN Chemicals[®] R&D experts, WELL-Treat[®] 2000 series cementing products bring operational excellency for petroleum, natural gas and geothermal operator and service companies with its products: cement retarder / accelerator, fluid loss additive, high temperature fluid loss additive, friction reducer, antifoam/defoamer, gas blocking agent and cement spacer.

WELL-Treat[®] 3000 Series

WELL STIMULATION PRODUCTS

GREEN Chemicals[®] is a reliable solution partner for petroleum, natural gas and geothermal operators and service provider with its high temperature acid corrosion inhibitors, intensifiers, iron control agents, friction reducers, emulsifiers / nonemulsifiers, wax inhibitors and dispersants in WELL-Treat[®] 3000 product group.

WELL-Treat[®] 4000 Series

ENHANCED OIL RECOVERY (EOR) PRODUCTS

Enhanced Oil Recovery products are used to increase recovery life of hydrocarbon and reservoir. Its main purpose is not only to restore formation pressure, but also to increase oil displacement or fluid flow in the reservoir. Those products include water shut-off polymers, polymer flooding additives, various surfactants and wettability modifiers.

OIL-Treat®

Midstream Chemicals




GREEN Chemicals® is reliable solution partner for operators and contractors in midstream operations with its products drag reducer, corrosion inhibitor, H₂S and Oxygen Scavenger, hydrate inhibitor and biocide products.

- Demulsifiers
- Corrosion Inhibitors
- H₂S and Oxygen Scavengers
- Drag Reducers
- Hydrate Inhibitors
- Biocides
- Hydrocarbon Purifiers
- Defoamers
- Asphaltene & Paraffin Inhibitors
- Scale Inhibitors

WET-Treat®

Downstream Chemicals



GREEN Chemicals® is a reliable solution partner for refineries and petrochemical plants. With WET-Treat® product line, GREEN Chemicals® help refineries and petrochemical plants to achieve maximum process yield, increase energy efficiency and ensure asset integrity. Demulsifiers used in crude distillation unit treatment further enhance O/W separation by eliminating remedy water in crude oil from upstream process. Corrosion Inhibitor and Neutralizing Amine help process equipments to be protected from corrosion and increase life span. Tailor-made corrosion inhibitor products for various unit operations aim to provide complete corrosion control in entire plant. Foam control products in Delayed Coker unit eliminate possible carry over to fractionator column, reduce possibility of foam over and serious fouling.

REFINERY PROCESS CHEMICALS

- CDU - Crude Distillation Unit
 - Demulsifiers
 - Corrosion Inhibitors
 - Neutralizing Amines
 - Antifoulants

- DC - Delayed Coker Unit
 - Antifoams

- SWS - Sour Water Stripping Unit
 - Corrosion Inhibitors

- ARU - Amine Regeneration Unit
 - Corrosion Inhibitor

REFINERY PRODUCT ADDITIVES

- Flow Improvers for Diesel
- Lubricity Improvers
- Anti-icing Products
- H₂S Scavengers
- Oxygen Scavengers

PETROCHEMICAL PROCESS ADDITIVES

- Ethylene Plant Production
 - TBC (Tertiary Butyl Catechol)
 - Quench Water Neutralizer
 - Neutralizing Amine for Process Water Stripper
 - Water Based Antifoulant
 - Solvent Based Antifoulant
 - Quench Water Emulsion Breaker
 - Polymerization Inhibitor for Deethanizer
 - Corrosion Inhibitor
 - Quench Water Dispersant

GREEN Chemicals® exports more than 30 countries and continues its commercial and technical activities in Turkey, Turkish Speaking Countries, Europe, Latin America, Middle East, Africa and Balkan Countries. GREEN Chemicals® as a technical solution partner, also supplies products to more than 90% of the top 100 industrial companies in Turkey.



TURKEY'S
SECOND TOP 500 INDUSTRIAL
ENTERPRISES
2020

As of 2020, GREEN Chemicals® is among Turkey's 1000 biggest industrial enterprises.

GREEN Chemicals® manufactures its products in accordance with the world standards with an innovative and environmentally friendly approach, with the technical support of its expert engineer staff and doctorate level R&D team and carries out its commercial and technical service all around the world including aforementioned regions.

GREEN Chemicals® was awarded the best chemical company in Marmara Region in 2015, 2016 and in 2020.



Leadership



Integrity



Innovation and Sustainability



Solution Oriented

GREEN Chemicals® provides service for a sustainable world with its R&D power, unique industrial solutions and solution oriented approach.

Business Units

Water and Waste Water Treatment

WET-Treat® WASTE-Treat®

Geothermal

GEO-Treat® WELL-Treat®

Oil & Gas

OIL-Treat® WELL-Treat®

Metal Surface Treatment

MET-Treat®

Mining

MINE-Treat®

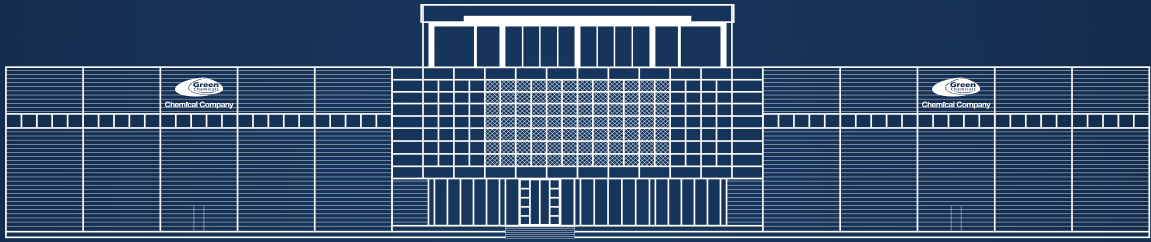
Organic Chemicals

ORGANIC-Treat®

Adhesives

GREEN ADH-Tech®





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FOR THE
FUTURE!**



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