

BiyoGeo CI - Geothermal Corrosion Inhibitor

Corrosion inhibitor for geothermal environments with CO₂ and H₂S

PRODUCT DESCRIPTION

BiyoGeo CI is a film-forming corrosion inhibitor developed to protect carbon steel in geothermal well equipment, pipelines and reinjection systems against CO₂- and H₂S-driven corrosion. It forms a thin, persistent protective film on the metal surface that reduces contact with the fluid. It is selected for stability at high temperature, compatibility with BiyoGeo CS and no harm to the reinjection well.

BENEFITS

- Reduces general and pitting corrosion caused by CO₂ and H₂S
- Extends the life of well equipment and pipelines
- Lowers iron released by corrosion and so also eases scaling
- Can be programmed together with the scale inhibitor

APPLICATIONS

- Production wells and wellhead equipment
- Brine and steam pipelines
- Reinjection lines and tanks
- Geothermal heating circuits

DOSING AND APPLICATION

The dose is set according to fluid composition, temperature and material. Performance is tracked with corrosion coupons and ER/LPR probes.

PACKAGING AND SUPPLY

Drums and IBCs. TDS and SDS on request. A regular delivery schedule is set up for continuous dosing. Made by Biyopol Kimya, İTOB OIZ, Menderes / İzmir, Türkiye.

MANUFACTURER

Biyopol Kimya, manufacturer of industrial and specialty chemicals in İzmir, Türkiye since 1992. TÜBİTAK-supported R&D projects.