

For the RIGHT oil and gas chemistry

As the world's leading distributor of industrial and speciality chemicals, Brenntag provides a full line of products and services to the oil and gas producing and processing industries. Our customers benefit not only from our high-quality product line, but particularly from our technical support in increasing the efficiency and maintaining the value of their facilities.

Industrial Chemicals

We serve the oil and gas producing and processing industries globally with a range of industrial chemicals:

- Alcohols like methanol and others;
- Solvents like xylene, toluene and alike in blends;
- Glycols like MEG, DEG and TEG;
- Generic amines like MEA and DEA;
- Wide variety of salts, acids and lyes.

These products are offered from local or regional stocks in packaging and formats that meet customer requirements.

Processing Chemistry

As partners representing key manufacturers, we offer a wide range of speciality chemicals for the oil and gas processing industry:

- Speciality amines from INEOS (GAS/SPEC®);
- Catalysts;
- Precious metal salts for catalyst loadings;
- Ceramic bed-support from Saint-Gobain NorPro (Denstone®);
- Molecular sieves and absorbers;
- Catalyst activator from Lubrizol (SulfrZol® 54);
- Speciality activated carbon.

We pride ourselves on providing expert technical support for these products on behalf of the manufacturers.

Production Chemistry

With our 30+ years of technical knowledge and experience, we provide a variety of quality products for the upstream oil & gas industries:

- Biocides;
- Emulsifiers and demulsifiers;
- H₂S- and O₂-scavengers;
- Anti-foams and foamers;
- Corrosion inhibitors for batch and continuous application;
- Paraffin inhibitors;
- Hydrate inhibitors;
- Asphaltene dispersants and solvents;
- Scale inhibitors;
- A variety of speciality heat transfer fluids (Coastal Guard® and ThermGuard®)



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N-SPEC®

N-SPEC® Pipeline Cleaning Services

Wherever your pipelines run: under water, on land or within your plant, we have the solution to keep them flowing efficiently. Our special expertise in dealing with fouled pipes, rail and road tankers as well as amine and glycol units and heat-transfer systems in refineries has led us to develop an innovative package of environmentally friendly cleaning chemicals and supportive technology, under the brand name N-SPEC®.

A unique feature of N-SPEC® chemicals and services is that they allow pipeline operators to clean their line **online**, eliminating downtime and production losses. We offer this expertise from experience in more than 400 projects all around the world in cleaning systems.

Our patented chemical cleaning method makes use of specially formulated tensides to emulsify and mobilize pipeline sediments rather than scraping them out with traditional mechanical devices.

The N-SPEC® technology has successfully removed paraffin, waxes, black powder, hydrates, scales, sand and metal scraps both onshore and offshore. The N-SPEC® package offered includes a team of experts providing full technical support, cleaning chemicals and a maintenance program to satisfy the specific needs of each customer. The package can also include Geo-metric N-SPECtion of your pipeline.

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Added Value Services

Our added value services assist us in our continuous strive to satisfy customer needs:

Single source:

At its core, Brenntag is dedicated to meet all customer requirements by simplifying administrative procedures and reducing warehouse and transportation costs.

Total solutions provider

We are a total chemical solutions provider for all areas of the oil and gas industry. From upstream to downstream and for everything in between, we deliver products of the highest quality standard in combination with technical support, laboratory analysis, onsite services, monitoring processes and after-sales services.

Global player

With a workforce of close to 10,000 employees at more than 300 locations worldwide, Brenntag is the number one distributor in Europe, the third largest distributor in North America and market leader in Latin America. The close cooperation with Brenntag Oil & Gas subsidiaries in the USA, Latin America and Canada helps us to build on many years of experience and technical knowledge. We can deliver highly professional teams of experts for different kinds of projects all around the world.

Local offices and warehouses

Brenntag's philosophy to be close to the customer has lead to a state-of-the-art distribution network of local offices and

warehouses, from where we are able to deliver any kind of product whenever and wherever you need it. Local sales representatives, who are supported by a team of technicians, are available to assist you in your own language.

Health, Safety and Environment

Brenntag applies product stewardship programs and participates in the 'Responsible Care' program. We meet the highest standards for the protection of air, soil and water, and for occupational and operational safety. Brenntag Oil & Gas Europe is SCC** (Safety Checklist for Contractors) certified by Lloyd's Register Assurance for its technical support, distribution of chemicals and accompanying service to the O&G industry.



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FPAL

Brenntag Oil & Gas Europe is a registered member of FPAL (First Point Assessment) on www.fpal.com.

PPSA

Brenntag Oil & Gas Europe is an associate member of PPSA (Pigging Products & Services Association). For more information, please visit: www.ppsa-online.com.

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