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Oil & Gas

Lonza

Product Selection Guide



Lonza's Oil and Gas business provides specialty chemicals used in upstream oil and gas activities including drilling, production, stimulation and unconventional oil and gas recovery. Lonza focuses innovation on effective solutions and high performance chemicals for challenging technical environments.

Lonza's regulatory expertise and extensive data packages allow us to support customers globally with solutions that comply with the highest regulatory, environmental and safety standards (CEFAS, PMRA, EPA, BPR, REACH).

Biocides and Preservatives

Our biocides protect vital operating systems from bio-fouling and microbiologically-induced corrosion to support production reliability and eliminate downtime helping to maximize customer profitability.

Product Name	Chemistry	EPA	PMRA	CEFAS	BPR Supported
Bardac® LF 18-50	Diocetyl Quat, 50 % (Low Foaming)	■	–	–	–
Bardac® 2250	Didecyl Quat, 50 %	■	–	–	–
Bardac® 2250M	Didecyl Quat, 50 % (Winterized Biocide)	■	■	–	–
Bardac® 2280	Didecyl Quat, 80 %	■	■	–	■
Bardac® 205M	Didecyl Quat, Benzalkonium Chloride Blend, 50 %	■	■	–	–
Bardac® 208M	Didecyl Quat, Benzalkonium Chloride Blend, 80 %	■	■	–	–
Barquat® 4250Z	Benzalkonium Chloride Blend, 50 %	■	■	–	–
Barquat® 4280	Benzalkonium Chloride Blend, 80 %	■	–	–	–
Barquat® 4280Z	Benzalkonium Chloride Blend, 80 %	■	■	–	–
Barquat® 50-28	Benzalkonium Chloride Blend, 50 %	■	–	–	–
Barquat® 80-28	Benzalkonium Chloride Blend, 80 %	■	–	–	–
Barquat® 50-65B	Benzalkonium Chloride Blend, 50 %	■	–	–	–
Barquat® LFA	Alkyl dimethyl benzyl quaternary amine	■	–	–	–
Barquat® MB-50	Benzalkonium Chloride, 50 %	■	■	–	■
Barquat® MB-80	Benzalkonium Chloride, 80 %	■	■	–	■
BCDMH™ Tablets	Hydantoin based halogen releaser, 96 %	■	–	■	■
BCDMH™ Granules	Hydantoin based halogen releaser, 96 %	■	–	■	■
Carboquat® MW-50	Carbonate Quat (Chloride free), 50 %	■	–	–	–
Isocil® Range	Chloro Methyl Isothiazolone	■	–	–	■
Lonzabac™ 12	Tertiary Amine, 100 %	■	–	–	–
Dantogard® 2000	DMDM Hydantoin, 64.7 %	■	–	■	■
Proxel® XL2	1,2-benzisothiazolin-3-one, 9 %	■	–	■	■
Proxel® TN	1,2-benzisothiazolin-3-one, triazine, 55 %	■	–	–	■
Proxel® GXL	1,2-benzisothiazolin-3-one, 20 %	■	■	–	–
Vantocil® IB	Polyaminopropyl Biguanide, 20 %	■	–	–	■
Only commercially available in Europe					
Bardac® 22	Didecyl Quat, 50 %	–	–	–	■
Bardac® 2270E	Didecyl Quat, 70 % (High Flash Point)	–	–	■	■



Corrosion Inhibitors

Lonza's corrosion inhibition technologies improve material integrity and significantly extend the lifetime of operating assets. Our chemistries are used as components in corrosion inhibitor formulations for use in oil and gas production, drilling and stimulation with sweet or sour process conditions.

Our CEFAS approved corrosion inhibitors include Uniquat® GNS-DA and Uniquat® GNS-TMA and are only commercially available in Europe.

Product Name	Chemistry
Akolidine® 10	Alkyl Pyridine, 100 %
Akolidine® 11	Alkyl Pyridine, 100 %
Carboshield® 1000	Carbonate Quat, 50 % (Chloride Free)
Unamine™ C	Imidazoline (Coco) C, 92 %
Unamine™ D	Imidazoline (Oleyl) O, 95 %
Uniquat® 10-80 HQ	Akolidine® 10, Benzyl Alkyl Pyridine Quat, 80 % (Low Foaming)
Uniquat® 1175	Akolidine® 11, Benzyl Alkyl Pyridine Quat, 75 % (Low Foaming)
Uniquat® 7060W	Benzyl Alkyl Pyridine Quat, 70 % (Low Foaming/Winterized)
Uniquat® 7158F	Benzyl Alkyl Pyridine Quat, 70 % (Low Foaming/High Flash Point)
Uniquat® CB-50	Imidazoline Quat, 45 %
Uniquat® QAC-50	Benzalkonium Chloride, 50 %
Uniquat® QAC-80	Benzalkonium Chloride, 80 %
Uniquat® 2250	Didecyl Quat, 50 %
Uniquat® 2250M	Didecyl Quat, 50 % (Winterized)
Uniquat® 2280	Didecyl Quat, 80 %
Only commercially available in Europe	
Uniquat® GNS-DA	Didecyl Quat, 70 %
Uniquat® GNS-TMA	Trimethyl Alkyl Quat, 35 %
Carboshield® 1000E	Carbonate Quat, 50 % (Chloride Free)

About Lonza

- Lonza is one of the world's leading suppliers to the Pharma & Biotech and Specialty Ingredient markets.
- We are market leaders in biocide manufacture and innovation.
- Founded in 1897 in the Swiss Alps, Lonza today is a well-respected, CHF4 billion global company
- More than 40 major manufacturing and R&D facilities
- Employs approximately 10,000 full-time employees worldwide

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Hydrogen Sulfide Scavenger

Lonza's patent pending hydrogen sulfide scavenger is non-triazine based and due to the neutral pH of the product does not promote mineral scaling or corrosion. Our product can be injected into the production well to reduce hydrogen sulfide levels downhole and reduce failure risk and potential downtime of equipment.

Product Name	Chemistry
SourBan™ PW	Proprietary

Complementary Product Offerings

Lonza offers a full range of ethoxylated esters, polysorbates and polyethylene glycol esters for use as defoamers, surfactants, dispersants and emulsifiers or as components in formulations. Please contact your Lonza Account Manager for additional information for these products.