

BPR 82310 neutralizer

Control acidic corrosion and avoid salt formation

Applications

- Fractionator Overhead Systems
- Other Refinery Processes

Features and Benefits

- Effective neutralizer
 - Provides stable pH control
 - Mitigates acidic aqueous corrosion
- Low salt formation tendency
 - Reduces salt deposition
 - Minimizes localized corrosion activity

BPR 82310 neutralizer is used to control pH in refinery processes. Because it has a low tendency to form salts, BPR 81150 neutralizer minimizes localized, under-salt corrosion risk. Typically, BPR 82310 neutralizer is applied to fractionator overhead condensing systems. However, it can be used in any aqueous or mixed aqueous/ hydrocarbon system which requires acid neutralization.

BPR 82310 neutralizer should be injected upstream of the onset of an aqueous phase in the overhead system. Usage rates depend on the amount of acid in the system and the degree of neutralization required.

Please consult your Baker Hughes representative for more information on dosage and injection best practices required to control corrosion in your process unit.

Typical properties

Appearance	Clear amber liquid
Specific gravity at 60°F (16°C)	1.04
Typical Density at 60°F (16°C)	8.7 lb/US gal (1.04 kg/L)
Flash point, PMCC	145°F (62.3°C)
Freeze point	30°F (-1.1°C)

Materials compatibility

Suitable

Metals:	Aluminum, Mild steel, 304 stainless steel, 316 stainless steel,
Plastics:	HD polyethylene, HD polypropylene, Polyethylene Linear, PTFE
Elastomers:	Buna-N, EPDM

Not suitable

Metals:	Admiralty brass, copper
Plastics:	PVC
Elastomers:	CSM, fluoroelastomer, neoprene

Materials suitability is based on analysis of test results obtained under specified laboratory conditions. All materials selection should be based on actual application. Testing results for materials will be made available on request.

Safety and handling

Before handling, storage or use, review the Safety Data Sheet (SDS) for guidance.