

# StaBreak 100

## Glycol Demulsifier

### PHYSICAL DESCRIPTION

Appearance	Yellow, free-flowing liquid
Freezing Point	-35°C
Flash Point	14.6°C
Specific Gravity	0.85 – 0.90
Odour	Aromatic
Solubility	Oil. Water/Glycol dispersible
pH	11.1
Recommended Elastomer	Viton
Storage Container	Steel

### PROPERTIES

CFR StaBreak 1000 is an organic demulsifier, used for the break and prevention of emulsions typically found in glycol refrigeration plants.

StaBreak 100 works to break glycol (with water) and hydrocarbon emulsions that can prevent proper separation and recovery of the glycol.

StaBreak 100 is preferentially oil soluble, but is also water/glycol dispersible.

### BENEFITS

StaBreak 100 typically works without adding heat, and greatly improves both glycol and hydrocarbon recovery.

StaBreak 100 will not form foreign deposits, and will not contaminate glycol or hydrocarbons.

StaBreak 100 has a high distillation point, and will remain in the bottom product during fractionation, and will not be carried with hydrocarbons.

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### MIXING & HANDLING INSTRUCTIONS

StaBreak 100 should be continuously injected at a rate of 10ml per m<sup>3</sup> condensate/LPG produced from the low temperature separator for continuous operation. If there are issues with the LTS separation, then 30ml per m<sup>3</sup> is recommended.

It is recommended to be injected at circulating pumps, or ahead of chiller contact. Dilutions (1:1) may be made with methanol (agitation required), isopropanol, or condensate.

Dilutions for injection may be made with the solvent.

### CAUTION

Flammable liquid and vapour. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation and causes eye irritation. Harmful if inhaled. May cause drowsiness or dizziness. May cause genetic defects. Suspected of causing cancer. Toxic to aquatic life.

StaBreak is available in 205L drums and 20L pails.

Material Safety Data Sheets are available outlining safe handling practices.

Disposal should be in accordance with all applicable federal, provincial, and local environmental regulations and laws.

For additional assistance or information, please contact your nearest CFR Chemical Representative