



PRODUCT DATA SHEET

pHix XIV®

High pH Treatment Alternative

General Description

pHix XIV® offers a high pH solution without the use of caustics such as sodium hydroxide, potassium hydroxide or other dangerous chemicals. pHix XIV® is used as a replacement for caustics in a variety of industries including food processing, oil and gas exploration, as well as industrial cleaning.

pHix XIV® carries a triple-zero HMIS score and is classified as a non-skin irritant. pHix XIV® is durable and effective at raising pH and cleaning in cold temperatures and is freeze-thaw stable. The risk of burns from traditional caustics is greatly reduced, as well as reducing the damage that caustics can do to equipment. pHix XIV® is a safe, viable alternative for caustic solution applications such as neutralizing acid gases in drilling and production fluids, increasing the alkalinity of fluid mixtures, cleaning and degreasing agent, and resin regeneration.

pHix XIV® can be used full strength or diluted with water to replace caustic cleaners.

Product Features

- Excellent buffer for frac fluid systems
- Great stability performance in high temperature and high pressure fluid systems
- A great replacement for NaOH in crosslinked systems
- 100% caustic free
- Effectively increases pH
- Precipitates magnesium and does not donate a sodium ion
- No neutralization step
- 100% readily biodegradable in less than 10 days
- Non destructive on human skin or eye tissue
- Non-toxic, non-mutagenic, and not a skin irritant

Properties

Form:	Liquid	Initial Freeze Point:	-23°C (-10°F)
Color:	Clear to colorless	Solubility:	100% water soluble
Odor:	None	Specific Gravity:	1.32 ± 0.04
Flash Point:	None	Biodegradability:	100%

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Application

Dilution rates will vary based on the pH requirements of the system. Due to its liquid form, required concentrations may be higher than typical forms of dry caustic. Add to fluid or water to raise pH as needed.

Availability

pHix XIV® is available in 20 liter pails or 1000 liter totes.

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