



TETRA Buff-10

ALKALINITY CONTROL

Overview

An alkaline material, TETRA Buff-10 is used to establish alkalinity and resist pH changes up to a pH level of 10.0 in fresh water or brine systems.

TETRA Buff-10 is a high purity alkaline earth oxide.

TETRA Buff-10 is an alkaline material used to establish alkalinity up to pH 10 in fresh water or brine systems. Magnesium oxide does not form precipitates when added to calcium based brines.

Features and Benefits

- Compatible with fresh water, non-zinc halide brines and brine polymer systems.
- Establishes and maintains alkalinity up to pH 10 in fresh water and non-zinc halide brine systems.
- Safer and more suitable than caustic soda for controlling pH in drilling and completion fluid systems.
- Does not cause precipitation in calcium and magnesium brines.

Applicable Information

TETRA Buff-10 should be added as a solution through a chemical barrel or directly to the pits at a point of gentle agitation. Do not add through a mixing hopper.

Physical Properties

Appearance	Off-white powder
Specific gravity	2.5 - 3.5 gm/cc
Water Solubility	slight

Packaging Information

50 lb bags
25 kg bags

Recommended Treatment

Recommended treatment is 0.1-0.3 lb/barrel under normal conditions.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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