



DECCO, CEREXAGRI INC.
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PRODUCT DATA SHEET

Decco[®] 312 Buffer Phosphoric Acid Solution

DESCRIPTION

This product is a food grade acidic buffer solution for adjusting the optimum pH for sanitation with sodium hypochlorite. The final pH stabilizes by the proper mixing of hypochlorite solution with the buffer. The use of this buffer will reduce the salt concentration. By using this product the phosphate discharge to the environment will be reduced up to 65% compared to the usual phosphate buffers.

DIRECTIONS FOR USE

With AgclorJ 310: Use one gallon of Decco7 312 Buffer for every one gallon of AgclorJ 310 with the proper amounts of soft water so that available chlorine concentrations are achieved as desired for treatment. If household bleach (5.25 x a.i.) is used, reduce buffer amount by 50%. Always check for free available chlorine concentration.

Other Uses: Decco7 312 Acid Buffer can be used for pH adjustment when an acidic medium is desired for neutralizing purposes.

Depending on initial pH (alkalinity) of water and the final pH, Decco7 312 Buffer can be diluted from 1:50 up to 1:1,000 resulting in pH's ranging from 3 to 6.5.

COMPOSITION

The product contains 8% food grade phosphoric acid as active ingredient. Mixed with alkaline hypochlorite solution it will function as a high capacity buffering agent.

PRECAUTIONS

CAUTION: Causes skin and eye irritation. Avoid contact with skin, eye and clothing. The concentrated product is acidic, but when it is properly diluted with water and AgclorJ 310, the diluted material is mildly acidic or close to neutral.

Eye Contact: IMMEDIATELY flush eyes with a direct stream of water for at least 15 minutes. Forcibly hold eyelids apart to ensure complete irrigation of all eye and lid tissue. GET MEDICAL ATTENTION.

Skin Contact: IMMEDIATELY flush affected skin with water and wash with soap and water. If large areas of the body are contaminated or if clothing is penetrated to the skin, immediately use safety shower preferably removing clothing while under the shower. Flush exposed area with large amounts of water for at least 15 minutes. GET PROMPT MEDICAL ATTENTION. Wash clothing before reuse.

Ingestion: If person is conscious, immediately administer large quantities of water. Do not induce vomiting. Avoid having an unconscious person vomit. GET MEDICAL ATTENTION.

Inhalation: Move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Keep the affected person warm and at rest. GET MEDICAL ATTENTION as soon as possible.

STORAGE AND HANDLING

Precautions: Store away from heat and separate from strong alkalis. Wear protective equipment during handling.

Waste Disposal Method: Triple rinse the container and submit to an approved chemical disposal service.

PHYSICAL PROPERTIES

Appearance:	Clear colorless liquid
Specific gravity:	1.03292 g/cc
Pounds per gallon:	8.671
pH of concentrate:	<2
% Phosphoric Acid	8 ± 0.4%

SHIPPING CLASSIFICATION

Freight classification: Buffer, agricultural, liquid N.O.I.
CA Registration No.: 2792-500003-AA

(pd312)

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