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DISCUSSION ON METHODS OF TREATING RESIDUES OF ALUMINUM PHOSPHIDE FORMULATIONS

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ABSTRACT

Aluminum phosphide formulations are most commonly used for fumigation of stored grain. The A I (active ingredient) content at the end of 3 to 4 days exposure is usually between 3 - 4 %. The results of deactivation of QuickPhos tablets / pellets / bags residues are presented by different methods. The A I content after deactivation is below 0.1%.

With environmental regulations becoming more stringent, it is becoming more important to deactivate the residues before disposal.

Since phosphine are more difficult to handle, worker safety and other issues need to be addressed.