EPA's Safer Choice Criteria for Enzymes and Enzyme Stabilizers* (excerpted from section 5.11 of the Safer Choice Standard)

Enzymes and enzyme stabilizers shall meet the general requirements in Section 5.2 (see Safer Choice Standard), except as defined herein. (Products that contain live microbial cultures or viable spores are addressed in separate Safer Choice criteria.)

To help prevent inhalation of aerosolized enzymes, only liquid enzyme formulations or low-dust granulated enzyme formulations (i.e., encapsulated products with a minimum diameter of 0.15 mm) will be acceptable in labeled products. If in a dry form, in addition to using only low-dust granulated enzymes, manufacturers must exercise and be able to demonstrate best efforts to ensure a safe workplace (for example, through dust control and allergy surveillance programs and the use of appropriate personal protective equipment, as needed).

The enzymes used in cleaning products must be well characterized, and their technical names and catalytic activities must be provided to Safer Choice. Candidate partners must also submit the genus and species of the production organisms, including appropriate taxonomic data, as needed, and documentation of appropriate quality control measures.

If present at appropriate levels, boric acid (and certain of its neutralized salts) may be used as a stabilizer in products containing Safer Choice-acceptable protease enzymes. Safer Choice encourages the development of safer alternative stabilizers.

* Safer Choice does not label products that contain enzymes when the delivery system is a spray or aerosol.