



**CTE GLOBAL, INC.**

*Leading to a brighter tomorrow*

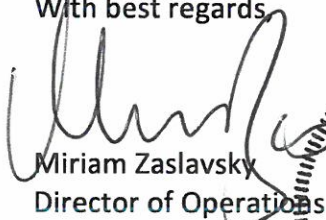
June 1, 2017

To whom it may concern,

This is to inform you of the current Generally Recognized as Safe (GRAS) regulatory status of CTE Global Inc's enzyme SZM XT-20+ for use in the production of ethanol and co-products of ethanol production (e.g. Distillers Dried Grains with Solubles or DDGS). SZM XT-20+ is an enzyme preparation including alpha-amylase (CAS # 9000-90-2), which is produced by submerged fermentation of a nonpathogenic and nontoxigenic strains of *Aspergillus oryzae*. SZM XT-20+ is GRAS for the intended uses identified above.

Enzymes are catalysts which, due to the nature of their catalytic role, are used in very small quantities. In fuel ethanol production, the enzymes break down starch into fermentable sugars. Industrial enzymes, such as SZM XT-20+ products are processing aids used in the production of fuel ethanol from grains. Enzyme types such as amylases are also used in animal feed and are recognized as safe for that use; however, the harsh conditions during the ethanol production process, especially the high temperatures, low pH, & lack of substrate during distillation, evaporation & drying (dried distiller's grains and solubles) result in enzyme activity levels which are negligible to nil in the co-products. Accordingly, the enzyme is not considered a feed ingredient.

With best regards

  
Miriam Zaslavsky  
Director of Operations

