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Enzymatic and the Environment

Enzymatic is manufactured in a two-stage process. The first stage is a fermentation process based on natural products derived from renewable resources. In the second stage, inorganic salts and biodegradable organic compounds are incorporated to suspend the biological activity and stabilise the product.

No hazardous products are used at any stage of the manufacturing process and as a result no hazardous products are formed in the manufacturing process. All ingredients used in this product are listed in the Australian Inventory of Chemical Substances (AICS)

The finished product exhibits Ultimate Biodegradability under anaerobic conditions as defined by US EPA methods (40 CFR Part 796.3180).

The constituents of Enzymatic have inherently very low aquatic and mammalian toxicity and the organic constituents are readily biodegradable as per Australian Standard AS 4351.

The estimated acute aquatic toxicity of Enzymatic (Rainbow Trout LC_{50} (96h) >100mg/L) is such that the product is **not** classified, as “Dangerous for the Environment” according to the criteria of European Commission Dangerous Substance Directive 79/831 and the product label does not require any additional risk statements.

Enzymatic is not classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Enzymatic is not classified as Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code).

Enzymatic is not classified as Dangerous Goods according to the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Enzymatic is not classified as Dangerous Goods according to the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.