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Environmental Safety of Plocher™ products

Referring to observations and results obtained during the study we have conducted on the efficacy of some Plocher™ products and on a review of many years of various application of Plocher™ products technology in several countries, it has not been possible to detect any ecotoxicity associated with the use of Plocher™ products in the environment. Neither their basic chemical composition (notably CaCO_3 , SiO_2 or stainless steel) nor their catalytic action mechanism on natural processes permits to fear a toxic risk for the environment.

Plocher™ products present themselves as a natural powder, liquid or solid form. Their contact with a given environment (water, slurry, manure, compost, soil, etc.) translates by a catalytic type activity that modifies chemical balances of the environment. For example, in the presence of organic matter, natural aerobic transformation processes are favoured, which leads to a faster mineralization and to a more homogenous aspect of the matter, which becomes in addition less odorous, if need be.

Trials conducted at the Sherbrooke University's Environment and Sustainable Development Institute with Plocher™ products in different environments (slurry, manure, compost, bodies of water...) have shown positive results, notably on a qualitative point of view (increase of the mineralization kinetics, odour diminution, homogeneity, oxygen uptake...)

Olivier Thomas, director