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Nanoscale or Fine Quartz/Titanium Dioxide Particulate Materials; 9 Nanoparticles: Is Neurotoxicity a Concern?; 10 Hepatotoxic Potential of Nanomaterials; 11 Nanotoxicity in Blood: Effects of Engineered Nanomaterials on Platelets; 12 Sources, Fate and Effects of Engineered Nanomaterials in the Aquatic Environment
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Sommario/riassunto

Nanomaterials - substances smaller than 100 nanometers in size - have been added in recent years to an increasing numbers of consumer products used in day-to-day life; in food packaging, medical devices, pharmaceuticals, cosmetics, odor-resistant textiles and household appliances. The extensive application of nanomaterials in a wide range of products for human use poses a potential for toxicity risk to human health and the environment. Such adverse effects of nanomaterials on human health have triggered the development of a new scientific discipline known as "nanotoxicity" - the study of the t