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(54) Title: PROCESS FOR REMOVING UNWANTED PROPANOL COMPONENTS FROM UNUSED TRIGLYCERIDE OIL

(57) Abstract: The invention relates to a process for removing unwanted propanol components from unused triglyceride oil, said unwanted propanol components being selected from free chloropropanols, chloropropanol fatty acid esters, free epoxypropanols, epoxypropanol fatty acid esters, and combinations thereof, and said process comprising: -contacting a triglyceride oil that is contaminated with unwanted propanol components with a silicate adsorbent selected from the group consisting of magnesium silicate, calcium silicate, aluminum silicate and combinations of these silicates; and - recovering a decontaminated triglyceride oil having a reduced concentration of the unwanted propanol components. The invention further provides a deodorized triglyceride oil selected from palm oil, a palm oil fraction or a combination thereof, said deodorized triglyceride oil being characterized by a 3 -MCPD content that is equivalent to less than 300 µg/kg of non-esterified 3 -MCPD. In addition, the invention concerns an infant food comprising from 0.3-80 wt.% of the latter deodorized triglyceride oil.



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