

PEROXAN HX: FDA Approval

High Polymers
Dialkyl peroxides

21 CFR 177.1520 Olefin Polymers

The optional adjuvant substances required in the production of the basic olefin polymers or finished food-contact articles may include substances permitted for such use by applicable regulations in parts 170 through 189 of this chapter, substances generally recognized as safe in food and food packaging, substances used in accordance with a prior sanction or approval, and the following:

Substance	Limitations
2,5-Dimethyl-2,5-di(tert-butylperoxy) hexane (CAS No. 78-63-7)	For use as an initiator in the production of propylene homopolymer complying with §177.1520(c), item 1.1 and olefin copolymers complying with §177.1520(c), items 3.1 and 3.2 and containing not less than 75 weight percent of polymer units derived from propylene, provided that the maximum concentration of tert-butyl alcohol in the polymer does not exceed 100 parts per million, as determined by a method titled "Determination of tert-Butyl Alcohol in Polypropylene", which is incorporated by reference. Copies are available from the Center for Food Safety and Applied Nutrition (HFS-200), Food and Drug Administration, 200 C St., SW., Washington, DC 20204, or available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC 20408.

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