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**Abstract:** Diluents are chemically inactive excipients, mostly used to make up the required bulk of solid dosage form and used up to 80% in a formulation. Various studies reported that diluents used in the solid dosage forms shows unwanted effects in body on long term and some time in short duration therapy. So, it is necessary to study the unwanted effects of diluents by researchers and production chemists before preparation of a pharmaceutical formulation to reduce the unwanted actions. Present review provides toxicological data of commonly used pharmaceutical diluents and summarizes the unwanted effects of pharmaceutical diluents on public health.

**Key words:** Diluents, Solid dosage form, Tablets, Unwanted effects.

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