

# Melatonin gummies to get safety labeling, child-safe bottles after poisonings

April 16 2024, by Robin Foster

---



In the wake of a sharp rise in the number of young children accidentally eating melatonin supplements, an industry group has called for tougher safety guidelines for packaging and labeling the sleep-aid supplements.

Companies have 18 to 24 months to voluntarily add child-deterrent packaging and improve warning language on the labels of over-the-counter melatonin products, the Council for Responsible Nutrition (CRN) said Monday in [news release](#) announcing the more stringent guidelines.

The new guidelines also stress the need for manufacturers to adopt child-safe bottles for gummies and chewable tablets.

"With the growing popularity of gummy dietary supplements among consumers of all ages, CRN's [new guidelines](#) for [melatonin] gummy supplements specifically address the unique aspects of these products," the council said in its statement. "The new recommendations focus on labeling clarity, reducing unsupervised access by children, addressing potential choking hazards for small children and ensuring products are used as intended."

Experts welcomed the move.

"What's significant here is that the industry recognizes that [melatonin supplements](#) do pose serious risks -- particularly to children -- and that the industry needs to do a much better job at ensuring the products are safe and well-manufactured," Dr. Pieter Cohen, an associate professor of medicine at the Cambridge Health Alliance in Massachusetts who authored a 2023 study on the dangers of melatonin gummies, told *CNN*.

"Whether this voluntary recommendation will be followed is another matter entirely, and we'll need to see," Cohen added.

Cohen's [study](#) found that 25 products labeled as melatonin gummies contained dangerous levels of the hormone. One over-the-counter product contained up to 347% more melatonin than listed on the label, while another contained no melatonin at all because it was entirely

composed of cannabidiol (CBD).

Meanwhile, a March 2024 [report](#) from the U.S. Centers for Disease Control and Prevention discovered that some 11,000 children had been seen in emergency rooms between 2019 and 2022 after ingesting melatonin while unsupervised. Melatonin gummies were involved in nearly 5,000 of these cases.

More than half of the accidental ingestions involved children between the ages of 3 and 5, the agency added. About three-quarters of the cases involved bottles that [young children](#) were able to open or bottles that weren't closed properly.

Melatonin use can be especially dangerous in children and should only be used after consulting a pediatrician, experts say.

Melatonin is a [hormone](#) produced by the brain in response to darkness. It regulates the body's natural sleep-wake cycle. As a [dietary supplement](#), melatonin is not regulated by the U.S. Food and Drug Administration, even though the demand for melatonin among both adults and children has skyrocketed over the last decade, experts noted.

The new council guidelines call for labels that warn consumers about the danger of drowsiness after taking a melatonin supplement and state they should not be taken with alcohol. In addition, the labels should tell purchasers that melatonin is intended for intermittent or occasional use only.

**More information:** The National Institutes of Health has more on [melatonin supplements](#).

Copyright © 2024 [HealthDay](#). All rights reserved.

Citation: Melatonin gummies to get safety labeling, child-safe bottles after poisonings (2024, April 16) retrieved 2 May 2024 from <https://medicalxpress.com/news/2024-04-melatonin-gummies-safety-child-safe.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.