Miracle Mineral Solution (MMS): Product as consumed produces a potent bleach

U.S. Food & Drug Administration

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AUDIENCE: Consumers, Emergency Medicine
ISSUE: FDA warned consumers not to consume or use Miracle Mineral Solution, an oral liquid solution also known as "Miracle Mineral Supplement" or "MMS." The product, when used as directed, produces an industrial bleach that can cause serious harm to health. The product instructs consumers to mix the 28 percent sodium chlorite solution with an acid such as citrus juice. This mixture produces chlorine dioxide, a potent bleach used for stripping textiles and industrial water treatment. High oral doses of this bleach, such as those recommended in the labeling, can cause nausea, vomiting, diarrhea, and symptoms of severe dehydration.

BACKGROUND: MMS is distributed on Internet sites and online auctions by multiple independent distributors. MMS claims to treat multiple unrelated diseases, including HIV, hepatitis, the H1N1 flu virus, common colds, acne, cancer, and other conditions. The FDA is not aware of any research that MMS is effective in treating any of these conditions. MMS also poses a significant health risk to consumers who may choose to use this product for self-treatment instead of seeking FDA-approved treatments for these conditions.

RECOMMENDATIONS: Consumers who have MMS should stop using it immediately and throw it away. The FDA advises consumers who have experienced any negative side effects from MMS to consult a health care professional as soon as possible.

Healthcare professionals and patients are encouraged to report adverse events or side effects related to the use of this product to the FDA's MedWatch Safety Information and Adverse Event Reporting Program:

- Online: www.fda.gov/MedWatch/report.htm [1]
- Phone: 1-800-332-1088
- Mail: return the postage-paid FDA form 3500, which may be downloaded from the MedWatch "Download Forms [2]" page, to address on the pre-addressed form
- Fax: 1-800-FDA-0178

[07/30/2010 - News Release [3] - FDA]

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