

# MEDSAFE

New Zealand Medicines and  
Medical Devices Safety Authority

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## Safety Information

*Published: 28 May 2020*

## Alert Communication

### Miracle Mineral Solution – dangerous and potentially life-threatening side effects

*28 May 2020*

Medsafe is again warning consumers not to buy or drink Miracle Mineral Solution products. These products can cause dangerous and potentially life-threatening side effects.

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## Description of the safety concern

Medsafe has recently received queries about Miracle Mineral Solution products, and so we are again warning consumers not to buy or drink these products.

Miracle Mineral Solution products, also described on associated websites as water purification solutions, are promoted as effective destroyers of pathogens, fungi, disease, bacteria and viruses, and more recently, COVID-19. Medsafe is not aware of any scientific evidence that these products are effective against pathogens in the body when the product is consumed.

These products contain a high concentration of sodium chlorite, which is used for textile bleaching and as a disinfectant. When mixed as directed, the sodium chlorite develops into chlorine dioxide – a bleach that can cause dangerous and potentially life-threatening side effects when consumed.

## Medsafe advice

- Do not buy or consume (drink) Miracle Mineral Solution products or associated products described as water purification solutions. Consuming these products is the same as drinking bleach.
- When consumed, these products can cause nausea, vomiting, diarrhoea and symptoms of severe dehydration. These may be life-threatening, and you should seek medical advice as soon as possible.
- These products are not approved medicines. Their quality and efficacy are unknown, and we recommend not taking them.
- [Please report side effects to Miracle Mineral Solution and associated water purification solutions to the Centre for Adverse Reactions Monitoring \(CARM\).](#)

## Further information

Miracle Mineral Solution products or associated water purification solutions are not approved medicines. Medsafe is not aware of any research carried out to assess the quality and efficacy of these products.

[Medsafe has previously warned consumers about Miracle Mineral Solution products.](#)

Other medicines regulators have issued warnings following false claims about effectiveness and reports of harm to consumers (see below). Reports of harm included severe vomiting and diarrhoea, life-threatening low blood pressure caused by dehydration and acute liver failure.

## Useful links

### Australian Therapeutic Goods Administration (TGA)

- [Miracle Mineral Solution \(MMS\): Safety advisory – false and misleading claims relating to COVID-19](#) (8 May 2020)
- [Miracle Mineral Solution \(MMS\): Safety advisory](#) (13 November 2014)

### United States Food and Drug Administration (FDA)

- [FDA warns consumers about the dangerous and potentially life-threatening side effects of Miracle Mineral Solution](#) (12 August 2019)
- [Danger: Don't drink Miracle Mineral Solution or similar products](#) (12 August 2019)

## Health Canada

- [Miracle Mineral Solution: Ingesting bleach-like chemical dangerous to health](#) (26 March 2015)

