



**OptiMSM®**

# Movement. Beauty. **Optimize Your Potential**

Whether we're being bold, being brilliant, or simply being, it all takes strength. We all have that potential inside. With the right nutrients, we can all find it. That's why we've created OptiMSM®.

## **What is Methylsulfonylmethane (MSM)?**

A source of organic sulfur important for optimal health.

Sulfur is a nutrient that acts as a critical component of key molecules that make up connective tissue throughout

the body, including joint, tendons, ligaments, and skin tissue.

Sulfur is a major building block of glutathione, a key molecule in one of our body's antioxidant defense systems that helps combat against oxidative stress.

## References:

- (1) Toguchi A, et al., *Nutrients* 2023; 15: 2995.
- (2) Barmaki S, et al., *J Sports Med Phys Fitness* 2012; 52: 170-174.
- (3) Nakhostin-Roohi B, et al., *J Pharm Pharmacol* 2011; 63: 1290-1294.
- (4) Anthonavage M, et al., *Nat Med J* 2015; 7(11): 1-10.
- (5) Bloomer RJ, et al., *J Nutr Food Sci* 2019; 9:1.



## Joints

OptiMSM supplementation has been shown to improve joint & physical function.<sup>(1)</sup>



## Sports

MSM supplementation helps maintain the body's anti-oxidant capacity to help aid in exercise recovery.<sup>(2,3)</sup>



## Beauty

OptiMSM is a source of sulfur that works to support healthy hair, skin and nails, decreasing the appearance of fine lines and wrinkles.<sup>(4)</sup>

**Over 35 yrs**  
the leading  
MSM brand.

# Premium Products

### Purity

A proprietary 4-stage distillation process that ensures a 99.9% pure product.

### Clinical data

Proven bioavailability and efficacy.<sup>(1,5)</sup>

### Quality

Kosher and Halal certified, non-GMO project verified, gluten-free, allergen-free. ISO 9001:2015 registration, FSSC 22000 certification, HACCP and cGMP compliance.

### Superior stability

Stability superiority confirmed by every lot testing.

### GRAS

The only MSM to receive a GRAS no-action letter from the FDA.

### Easy to use

Low moisture content, non-hygroscopic and compressible, five-year shelf life.

Made in the USA

## Recommended Daily Dosing



2g

Joint Health



3g

Hair, Skin, Nail Health



3.895g

Sports Nutrition & Performance

US: Structure Function Claims supported, no RDI established.

Canada: NHP Dietary Supplement.

EU: Food Supplement, No EFSA claims established.

## Commercial simplicity and flexibility to help you go further

OptiMSM Products (Item Number)	Premix	Tablets	Sachet	Liquid	Topical	Capsule	Min. Active	Color	Commercial Pack Sizes	Sample Size	Manuf. Site	Certifications
<b>Microprill @ 0.1% Amorphous Silicon Dioxide Powder</b> (recommend) 10120	●	●	●				97.9% assay (finished)	White	20kg box	400g	Vancouver, WA USA	Kosher; Halal, ISO 9001; FSSC 22000
<b>Microprill @ 0.5% Amorphous Silicon Dioxide Powder</b> (on request) 10520; 15600	●	●	●				97.5% assay (finished)	White	20kg box (10520); 600 kg bulk bag (15600)	400g	Vancouver, WA USA	Kosher; Halal, ISO 9001; FSSC 22000
<b>Flake 100%</b> 20020				●	●	●	98.0% assay (finished)	White	20kg box	400g	Vancouver, WA USA	Kosher; Halal, ISO 9001; FSSC 22000
<b>Vegetarian Capsules*</b> (finished good) 12015011118K						●	1,000 mg MSM flake	Clear hard veg. capsule OOE	18,000 capsules/box	400 capsules	Distributed by Balchem	NA

\*Plant-based

This information is intended for industry professionals or customers of dietary ingredients, not consumers. Any explicit or implied claims included in this presentation may not necessarily be appropriate for marketing purposes and customers are responsible for their own compliance with relevant legal and regulatory requirements. These statements have not been evaluated by the US Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

All trademarks are property of Balchem Corporation or its respective subsidiaries.  
Copyright © 2024 Balchem Corporation or its subsidiaries, all rights reserved.

