



OptiMSM®

Live Well. Age Well. Perform Well.

For people who are looking to lead a healthy active lifestyle at any age, OptiMSM® is a bioavailable source of sulfur nutritionally supporting joint health, normal range of motion, performance recovery, and healthy skin, hair & nails.



SKIN AND HAIR
HEALTH³



JOINT & MOTION
HEALTH



HELPS EXERCISE
RECOVERY^{4,5}

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 also a major building block of one of our body's most critical antioxidant defense systems supporting the production of molecules such as glutathione, which helps defend us against oxidative stress and free radicals¹. Disulfide bonds help stabilize proteins, which is important for strong tendons and ligaments and supports the extracellular matrix.

99.9% Purity

OptiMSM® is biomimetic or identical to the molecule found in nature, using the best quality raw materials, innovative and state of the art technology, designed for maximum purity.

MADE IN USA

100% Quality

OptiMSM® is a fully traceable product, with identity verification and 100% third-party assay tested to the tightest specifications in the industry. 9001:2008 registration, FSSC22000 certification, HACCP and cGMP compliance.

Over 35 yrs the leading MSM brand.

OptiMSM® as **34% sulfur**, delivers critical nutrition to your cartilage to maintain healthy joints and connective tissue¹ and acts as a source of methyl groups in our diet.²

References:

1. Institute of Medicine, 2005. Dietary Reference Intakes for Water, Potassium, Sodium, Chloride, and Sulfate;
2. Clement K, et al., J Diet Suppl 2022; Dec 5; 1-13;2) Barmaki S, et al., J Sports Med Phys Fitness 2012; 52: 170-174;
3. Athonavage M, et al., Nat Med J 2015; 7(11): 1-10;
4. Barmaki S, et al., J Sports Med Phys Fitness 2012; 52: 170-174;
5. Nakhostin-Roohi B, et al., J Pharm Pharmacol 2011; 63: 1290-1294.



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HUMAN NUTRITION & HEALTH

OptiMSM®

Premium Products

Pure molecule

Distillation process created biomimetic material over crystallization process.

GRAS

The world's only MSM
GRAS recognized by FDA

Superior stability

Stability superiority confirmed by every lot testing

Easy to use

Low moisture content, non-hygroscopic and compressible

Clinical data

Proven bioavailability

*US: Structure Function Claims supported, no RDI established.
Canada: NHP Dietary Supplement.
EU: Food Supplement, No EFSA claims established*



Recommended Daily Dosing

3 g

(minimal 1 g)

Hair, Skin,
Nail Health

2 g

(minimal 1 g)

Joint
Health

3.895 g

(minimal 1 g)

Sport Nutrition &
Performance

Commercial simplicity and flexibility to help you go further.

OptiMSM® products have a five-year shelf life, free from soy, gluten, lactose, and other allergens.

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



Premix



Tablets



Sachet



Liquid



Topical



Capsules



Plant-based

These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure, or prevent any disease.

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