

SunActive® Minerals

Water Dispersible Technology for Iron, Zinc and Magnesium



The SunActive® Difference

SunActive® is a patented, nutrient delivery system for minerals. The SunActive® delivery system involves micronization and encapsulation of insoluble minerals to create a stable dispersion of fine particles when mixed in water. SunActive® technology works very well for insoluble minerals that normally have poor bioavailability. Micronization dramatically improves bioavailability, and coupled with no metallic taste, makes SunActive® minerals work well for powdered drink formulas.

NutriScience offers Iron, Zinc and Magnesium mineral forms using SunActive® technology.

Features & Benefits

High Bioavailability – micronization technology dramatically improves absorption and bioavailability of water insoluble minerals; comparable bioavailability to soluble salts

Water Dispersible – forms a stable emulsion in water

Excellent Palatability – no metallic taste

Free of – flavors, colors, preservatives, titanium dioxide

Improved Tolerability – significant improvement in tolerability; reduced stomach distress. No osmotic diarrhea effects

High Stability – stable against heat, pH, salts, oxidation; does not cause protein agglomeration

Clean Label – excipients are sweet potato maltodextrin, gum arabic, sunflower lecithin, and salt

SunActive® Fe (Iron)

Contains the Ferric pyrophosphate form of iron

Contains >8% elemental iron

A human bioavailability study in adult women showed similar bioavailability (iron absorption) between SunActive® Fe and soluble ferrous sulfate

Mild on the G.I. system; non-irritating

No metallic taste

For infant nutrition formulas

Can also be used for functional tablet/softgel coatings

SunActive® Zn (Zinc)

Zinc oxide form of zinc

Contains >24% elemental zinc

No unpleasant metallic zinc taste

For zinc lozenge applications where metallic taste of zinc is a limitation

Perfect for dairy and juice beverage applications – powdered or ready-to-drink

SunActive® Mg (Magnesium)

Tri-magnesium orthophosphate form

Contains >12% elemental magnesium

Similar bioavailability to conventional soluble magnesium salts

Does not interfere with the absorption of calcium and other mineral salts

Perfect for dairy and juice beverage applications – powdered or ready-to-drink

Can be used for functional tablet/softgel coatings

Certifications & Quality Assurance

- Non-GMO
- Kosher/Halal
- Vegan/vegetarian
- Gluten-Free
- Allergen Free

Safety & Regulatory

Safe for use at all RDI levels (Reference Daily Intakes). All ingredients are FDA GRAS for use in foods, beverages and dietary supplements.

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