Buffered C Select® is a broad-spectrum vitamin C formula containing multiple forms of vitamin C to help enhance uptake and utilization of this key micronutrient via multiple pathways of absorption.

Buffered C Select® includes five forms of vitamin C: three naturally buffered mineral chelates (as calcium, magnesium and potassium ascorbate), pure ascorbic acid and food-based vitamin C from Acerola cherries. Multiple forms of vitamin C help to increase the bioavailability of this product by giving the body a range of forms to recognize and metabolize in different ways. This variety is intended to mimic in microcosm the multiplicity of forms in which vitamin C is found in nature.

Vitamin C (ascorbic acid) is required for numerous body functions including collagen synthesis, wound healing and proper immune function. Vitamin C enhances iron absorption and is an important antioxidant in lung tissue, making it a critical nutrient for smokers and others with compromised respiratory function. Ascorbate is also required for healthy endothelial function and may have a role in preventing the earliest inflammatory changes in atherosclerosis.

Most animals can synthesize their own vitamin C and are known to increased productivity when challenged by illness or injury. However, humans and other primates are among the few species on earth (along with guinea pigs and a rare species of Indian bat) who are unable to make vitamin C endogenously, due to the absence of a single enzyme required for ascorbic acid synthesis. Therefore, human beings must depend entirely on food sources and/or nutritional supplements to meet our need for this essential vitamin.

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BUFFERED MINERAL ASCORBATES are made by bonding USP-grade ascorbic acid to an alkaline mineral such as calcium or magnesium. The mineral portion of the resulting compound offsets the acid component of ascorbic acid. For many patients, mineral ascorbates are a preferred form of vitamin C because they are far less likely to cause the intestinal inflammation and gastric distress that is sometimes associated with taking large amounts of pure ascorbic acid. Mineral ascorbates are pH neutral and offer the added benefit of providing the body with important minerals that serve as cofactors for numerous enzymatic processes in the body. Buffered C Select® contains a triple blend of buffering mineral ascorbates from calcium, potassium and magnesium chelates.

CITRUS BIOFLAVONOIDS comprise a class of naturally antioxidant, anti-inflammatory compounds well-known to help strengthen capillaries, protect blood vessels, reduce bruising and combat lipid peroxidation. Bioflavonoids also help to recycle vitamin C, extending its antioxidant lifespan. The citrus bioflavonoid complex in Buffered C Select® is made from the peels of a variety of citrus fruits including, lemon, lime, orange, grapefruit and tangerine and provides naturally high levels of pure hesperidin, a prevalent citrus flavonoid that has been studied for its anti-inflammatory, antimicrobial, antiviral, neuroprotective and chemoprotective benefits.

ACEROLA CHERRY is a nutrient-dense fruit native to the tropical and subtropical regions of Mesoamerica. Acerola contains naturally high levels of vitamin C plus carotenoids and bioflavonoids which increase its antioxidant value. Acerola also contains B vitamins and minerals, primarily calcium and phosphorus. As a whole food source of vitamin C, acerola has been suggested to favorably affect the absorption and excretion of ascorbic acid in humans.

REFERENCES

* 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.