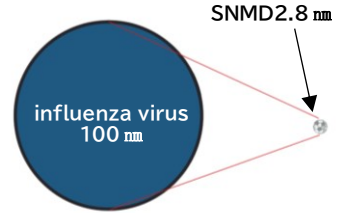


SNMD

Super Nano-size Mysterious Diamond

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SNMD is a colorless functional diamond of the smallest size in the world which interferes all substances containing ions.



Diamond is clear and colorless crystalline form of mainly carbon of various types of crystal, the hardest naturally occurring substance. Diamond is roughly classified into two categories.

【Natural Diamond】 Crystalline form created by the earth in hundreds of millions of years.

【Artificial Diamond】 Artificial crystalline form, such as synthetic diamond. In most cases, kernel diamond is grown to a larger size artificially.

SNMD is classified as artificial diamond. It is nano-size diamond synthesized by generating high pressure and high temperature instantaneously with the ignition of explosives.



Characteristics of SNMD

SNMD is polyhedral ultrafine particles. Its core has positive and negative ions, its surface is coated with carbon nanosheet, and it retains nonfreezing water in between.

Nonfreezing water is attracted to biopolymers, more strongly than other kinds of water in our body, and cannot move freely.

And biopolymers are organic macromolecular compounds existing in organisms. The constituents are protein (enzymes and peptides), nucleic acids (DNA and RNA), polysaccharides, compound lipids, and some others.

《Constitution of Biopolymers》

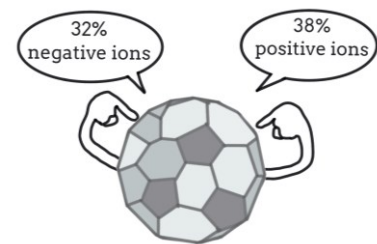
Protein : Enzymes and building materials

Nucleic Acids : Gene information

Polysaccharides : Intercellular substances and energy reservoir

Biopolymers have the characteristics of high polymer electrolytes, except polysaccharides.

The most characteristic aspect of **SNMD** is having both positive and negative ions in one substance.



A human body has high polymer electrolytes consisting of ionic groups such as nucleic acids and protein.

And the bioelectric current in our body is impaired, we feel bad physical condition such as strain in the shoulders or in the loin.

When **SNMD** having both positive and negative ions is applied to the diseased part, it will tune up the disorder of ions, bioelectric current and blood circulation to the normal state.

And the nonfreezing water contained in **SNMD** will be combined with the collagen layer, which will lead to moisturizing effect on the skin.

Functions of SNMD

Beauty Products

Induction and Derivation of Ions

SNMD has both positive and negative ions, so the use of it as a booster will induce and derive active ingredients.

The positive ions of **SNMD** permeate the cosmetic ingredients deep into the skin (iontophoresis), and the negative ions attract the stain on the keratin of skin for cleansing (ion derivation).



Home Products

Deodorization and Antimicrobe

Offensive odor is caused by negative ions generated in bacteria propagation.

Positive ions in **SNMD** respond to smelly molecules to disable the cause of odor. Against viruses, **SNMD** having both positive and negative ions induce them to neutrality.



Beauty & Home Products

Static Electricity

SNMD prevents the generation of static electricity for substances with either positive or negative ions.

Static electricity is generated by the movement of negative electrons when charged static electricity, saved up in friction or by other causes, touches another electrified substance. **SNMD** prevents the generation of static electricity by leveling off the difference between the positive and negative.



Medical/Nursing Care

Allergic Dermatitis and Cleansing

SNMD has acquired the patent for allergic dermatitis, including atopic dermatitis.

When skin is dried, sebum among cells becomes deficient and skin turns from weak acidity to alkaline. The onset of itching will lead to dermatitis. **SNMD** works to keep skin in weak acidity, and prevents drying in cleansing to keep the body clean and antiseptic.



Products to Be Launched in the Future

■ For oral cavity

Toothbrushes, gel toothpastes and mouthwash

■ Cosmetics

Skin lotion, cream, bar soap, hair mist, etc.

■ For promoting blood circulation

(Keeping the ion balance to maintain health)

Improvement of shoulders, loins and knees; clothes to alleviate fatigue and to promote blood circulation; and health beddings

■ Antimicrobial and Anti-virus Products

Filters, brushes and water-soluble antimicrobial and anti-virus agent

