

What is Quantum Chemistry?

There is international excitement regarding the forthcoming benefits of 'Quantum Mechanics'. Although many of these benefits are years away, there is one benefit available now. It is centered in Quantum Chemistry.

The heart of this new chemistry is the technology used to create a "colloidal micelle." This micelle is about the size of 10 hydrogen atoms, or one nanometer.

In the realm below 50 nanometers, the normal laws of Newtonian physics no longer apply. There, the science of Quantum Physics replaces Newtonian physics. And materials take on surprising new properties.

In the case of Nano-Colloidal Technology, these micelles are created as a result of a process in which the extracts of natural plants are blended at specific time intervals, temperatures and sequences, and later transform them into new particles, described "Colloidal Micelles."

This differs from traditional chemistry in that the molecular attraction is not the normal attraction between positive and negative poles. Rather, it is between like poles. In other words, negative attracts negative and positive attracts positive. The micelle has a hydrophilic (water seeking) pole and a hydrophobic (water repelling) pole. The hydrophobic poles attract each other, thus forming the interior of the micelle. The hydrophilic poles form a tough outer surface. When a micelle comes in contact with a hydrocarbon molecule, the center of the micelle bonds to a similar hydrophobic hydrocarbon. The result is a disruption in the attraction to the other hydrocarbon molecules and/or to the surface.

This action of a single micelle is multiplied by billions of other micelles, resulting in a molecular emulsification process, which penetrates highly viscous and sticky materials, lifting them from the surface to which they are adhered. **These Nano-sized emulsions offer inherent advantages over traditional chemicals, in reduced application rate, more rapid and reliable activation and extended long-term effect.**

With this technology, SHUKLA ASHAR IMPEX PVT LTD. has formulated its entire line of products- Agro Clean, Agro Charger, Green Clean.