

CQUEST Introduces New Source of Sodium Silicate

Conroe, Texas – A new domestic source of sodium silicate is now available through CQUEST. The new production is derived from rice hulls, a material rich in silicate. After processing, rice hulls were formerly sent to land disposal. What was once a waste product is now used as a renewable, sustainable feedstock for a high quality product. Compared to conventional sodium silicate production where materials are roasted at very high temperatures, this product is made using a new process that generates far less greenhouse gas and is much more environmentally friendly.

The new plant, located in Stuttgart, AR is uniquely situated to serve key markets. New applications in the Oil and Gas industry and the Construction Industry are of particular note as this new sodium silicate has the ability to displace products that are much harsher on the environment. "This new silicate is a double win for the environment", stated Jay Potter, Marketing Manager for CQUEST. "Not only are we diverting formerly landfilled material to beneficial use, but we're also able to offer a product that leaves a much smaller carbon footprint. For example, in the oilfield sector, the rice hull-derived sodium silicate can match drilling rates of oil-based drilling muds without the attendant formation damage. The added bonus is that the silicate-based systems do not pose the environmental and safety concerns associated with oil-based systems."

Sodium Silicates are also used in building roads and industrial foundations at lower cost and with faster completion times than with Portland cement. Cement board, concrete sealants, asphalt shingles, paper bleaching and water treatment are but a few of the many products and processes that utilize sodium silicate.

CQuest is an emerging leader in the development of green and sustainability initiatives. CQUEST recognizes the need to not only control rising fuel and energy costs but also to provide valuable stewardship for high quality products that can replace environmentally unfriendly products.

For more information on CQUEST and its products and services, visit our website at www.cquestchem.com or call (936).441.1770