Press release - For immediate release

Fluid Air, a division of Spraying Systems Co., is pleased to announce that it is a silver sponsor of AlgaEurope 2022, being held at Ergife Palace Hotel 4 in Rome, Italy on December 13 -15.

This event will host the world's top agriculture, biotechnology, food manufacturers and scientists involved in the rapidly growing field of algae. Microalgae is used in a host of commercial applications, from health supplements to pharmaceuticals and food. Drying harvested microalgae is time-consuming and more difficult than agricultural crop dehydration, but it is an area where Fluid Air has developed commercial expertise.

Processing microalgae with conventional spray dryers is challenging, due to the use of high temperatures that can quickly degrade the active ingredients and preserved pigments. Freeze drying is another method used to prepare microalgae for commercial applications, but this process is also challenging due to the need for batch processing, as well as high energy and time consumption required.

A high-throughput alternative to lyophilization or freeze drying, low-temperature PolarDry electrostatic spray dryers are ideal for heat-sensitive material including living microorganisms, probiotics, and proteins. This proven process also supports products that require advanced microencapsulation for taste and odor masking.

The patented PolarDry electrostatic spray drying process drives water to the shell and active to the core, lowering the evaporation temperature and eliminating active ingredient loss, degradation, and denaturalization. What's more, the active driven to the core is microencapsulated, virtually eliminating surface active and resulting in stunning encapsulation efficiency. The result is exceptional stability for actives and enhanced viability for your products in the market.

"Fluid Air is pleased to share its work experience processing and drying micro-algae with the AlgaEurope community," said Michel Thenin, president, Fluid Air.

About Fluid Air
Founded in 1983, Fluid Air provides custom, efficient and effective solid dosage processing equipment and systems that can meet the most challenging powder modification and creation application. A division of Spraying Systems, Fluid Air technology is used to help the pharmaceutical, nutraceutical, food, fine chemical, agriculture, and biopharmaceutical industries daily. Learn more about Fluid Air at www.fluidairinc.com.

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EABA EUROPEAN ALGAE BIOMASS ASSOCIATION DLG Benelux

For more information please contact:
DLG Benelux B.V. | P.O. Box 257 | 3740 AG Baarn | The Netherlands
Tel.: +31 85 401 73 97 | info@dlg-benelux.com