

## For Immediate Release

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# BIOMIST

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## **Biomist™ Power Sanitizing System to be Unveiled at IFT**

[Park Ridge, IL] Biomist, Inc. will unveil the Biomist™ Power Sanitizing System at the IFT Food Expo in Chicago on July 14th. The patented Biomist system will offer food manufacturers a way to safely sanitize their production equipment and facilities by power spraying a sanitizing solution of concentrated alcohols. Scientists from the independent Northland Laboratories will present test results demonstrating the efficacy of the Biomist Power Sanitizing System in killing both surface and airborne pathogens.

The Biomist system sprays a power mist solution containing 70% alcohol in a stream of carbon dioxide (CO<sub>2</sub>) propellant. Alcohol has long been recognized as an optimal disinfecting agent when in a 70% solution, but its flammability in such a concentrated form has always presented a problem. The Biomist system eliminates that problem by enveloping the alcohol mist in a stream of CO<sub>2</sub> gas, displacing any oxygen that might lead to combustion. In fact, the Biomist spray can actually be used in the presence of open flame or electrical spark without danger of fire or explosion.

The Biomist system sanitizes more completely and with far less effort and complexity than any previous sanitation method. This system atomizes the sanitizing solution into extremely tiny micro-particles and propels them in a high power stream of CO<sub>2</sub>, spraying a sanitizing mist up to fifteen feet beyond the applicator gun. These micro-droplets swirl and adhere to all the nooks, crannies and crevices that would be impossible to reach with other disinfecting methods, and may be used on operating production equipment and conveyer systems.

The sanitizing solution rapidly self-dries, making it safe to use on corrodible metals and electronics. It does not need to be wiped down after use, which avoids reintroduction of bacteria and saves its users both time and labor. Further, the Biomist sanitizing solution includes adjuvants that leave trace amounts of antibacterial surfactants to continue the sanitizing action even after the alcohol has completed its killing function and evaporated.

The Biomist Power Sanitizing System complies with all regulations of concern to food processors. It has been submitted to Underwriters Laboratories, Inc. for approval.

A presentation of the Biomist system will be given at Session 44 of the IFT New Products & Technologies Sessions, Monday AM, July 14, 2003, McCormick Place, Chicago. The exact time and location of the presentation will be found in the IFT Program Directory, which will be available at the convention center, or at [www.ift.org](http://www.ift.org). The system may be viewed at the Northland Laboratories booth #5538 at the IFT show.

***For more information, call Robert Cook or Peter Martin at 847-803-1720, or log on to [www.biomistinc.com](http://www.biomistinc.com).***