



PRESERVATIVE FREE MULTIDOSE DELIVERY SYSTEM

Opportunity

CIS Pharma has acquired co-marketing rights for Naturaceutical Delivery Corporation's (NDC) Preservative Free Drug Delivery System. In co-operation with NDC we offer complete product development in the fields of ophthalmology, ENT, dermatology, cosmeceuticals and traditional cosmetics. With our joint expertise in drug delivery and formulation we create new products based on NCE's and generic compounds in Naturaceutical Delivery Systems®.

Technology

NDC, based in New York City, is a Drug Delivery Systems company with patented and proprietary platform technologies for the pharmaceutical, cosmeceutical, nutraceutical and traditional cosmetic markets.

NDC's high barrier delivery systems incorporate proprietary one-way dispensing and delivery of multi-dose, aseptically packaged preservative-free products. Even during use over weeks, months, or longer, the residual product in NDC's Delivery Systems will remain fresh and pure as before its first use without the need for preservatives or refrigeration. NDC's Delivery Systems are comprised of patented, "constantly sealing", one-way valve systems attached to flexible reducing reservoirs including traditional tubes, bellows or collapsible pouches which can be incorporated inside of virtually any designer packaging.

NDC's Delivery Technology allows for the delivery of liq-

uids, creams, lotions and gels while preventing air, bacteria and airborne contaminants from entering the delivery system and contaminating remaining product in the dispenser.



NDC's High Barrier Delivery Systems

NDC has partnered with Aztec Tool Company, Inc. (NY) to implement a manufacturing strategy for its Delivery Systems and Technologies. Aztec is a manufacturer of precision devices used for Pharmaceutical Delivery Systems as well as Precision Cosmetic Packaging Devices and Dispensers. This association utilizes the expertise of Aztec with its years of experience with state of the art molding that Aztec has provided to the cosmetic and medical packaging industries since 1977.

Aztec also provides product design at an early stage through final product evaluation as well as mold construction and testing, thereby continuously enabling NDC to evolve and monitor the development of next-generation products for its strategic partners and customers.

The commercial versions of NDC Delivery Systems are developed and essentially market ready. These commercial versions are enjoying continuing success in the course of formal testing in independent laboratories. The tests address essential appli-

cations for ophthalmics, cosmeceuticals, nutraceuticals and traditional cosmetics. Numerous NDC Delivery System prototypes have been produced and tested successfully during the last few years.

NDC only uses FDA Class 6 approved materials for all intended applications and is currently filing a DMF. Naturaceutical's delivery technology has numerous (issued) patents with coverage in over 40 countries. More than \$10,000,000 has been invested in the Company's intellectual property portfolio and additional patents are consistently filed for its advances.

CIS Pharma

CIS Pharma is a pharmaceutical research company. It is located in Bubendorf, Switzerland, in the vicinity of Basel. The key business of CIS Pharma is to discover novel active pharmaceutical ingredients and medical devices. For over 50 years, CIS Pharma has been licensing innovative technologies to a wide range of life sciences companies. In co-operation with its development partners CIS Pharma offers the full range of drug discovery, drug development and commercial manufacturing of active pharmaceutical ingredients.

Contact

CIS Pharma welcomes your interest in the preservative free multidose delivery technology. Please contact

Christoph Schäfer, MBA
Bus. Development, Licensing

+41 61 935 53 23
Christoph.Schaefer@cis-pharma.com