



COSMO Containers: Haiti Donations

Executive Summary Report
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Executive Summary

Deep Springs International (DSI) is a not-for-profit corporation focusing on improving public health while creating jobs through an integrated and sustainable safe water program that can be scaled throughout underserved communities in developing countries. DSI is driven by the belief that long-term access to safe water can be achieved through locally run businesses that provide water treatment products at prices rural families can afford. DSI seeks to improve life in developing countries by identifying and encouraging the use of affordable water purification systems, teaching the importance of proper household water treatment, and creating new business opportunities for local people. Today, DSI is wholly focused on delivering clean drinking water solutions to Haiti.

NOVA Chemicals and DSI's relationship began in 2010 following the devastating earthquake that ravaged an already struggling country. NOVA joined forces with other Pittsburgh companies and donated polyethylene resin to DSI to manufacture water disinfection containers to provide clean water to over 60 thousand Haitian families. It was through that initial donation that Inspirion Ventures, a wholly owned subsidiary of NOVA Chemicals focusing on bringing downstream innovation in plastics, donated four COSMO® collapsible containers to assist in DSI's efforts. All four containers were shipped directly to DSI in their collapsed state and were easily and quickly assembled to their full size.

Today, DSI is manufacturing and distributing sodium hypochlorite in Haiti under the brand name Gadyen Lo, benefiting over 1.4MM residents of rural Haiti. Two of the four COSMO containers are located at DSI's manufacturing facility in Leogone, Haiti, and are used for the storage of finished product, raw materials and manufacturing equipment used in the bottling process. The two remaining containers are stationed outside another location north of the city and are being used as well for storage. Space is generally limited and the containers provide a secure, dry environment in a generally very hot, wet and humid climate. Its lightweight design and ease of mobility allowed for direct delivery to the emergency site, which is important when transporting to remote locations. In addition, due to its multi-purpose design, the containers can easily be converted to temporary shelters or sleeping quarters as needed.

Photos in Use



COSMO containers being used for storage of raw materials used in the bottling process.



COSMO containers being used for storage of finished goods used in the bottling process.



Workers filling up the plastic bottles with disinfected water using bottles made with donated polyethylene resin.