

ENVIRONMENT

Seeking Solutions for Plastic Medical Waste

NewsUSA

(NU) - Recycling efforts tend to center around plastic water bottles and milk jugs, but few people think about the plastics used in hospitals. IV bags, tubing and other types of medical products all contain plastic. And every time a patient enters a medical facility anywhere in the world, they generate waste.

The medical waste produced by hospitals, laboratories, research centers, animal testing laboratories, mortuaries and nursing homes can pile up quickly. According to the World Health Organization (WHO), high-income countries, such as the U.S., produce about 13 pounds of medical waste per person per year.

Medical facilities use several methods to dispose of plastic medical waste. Some use incineration, which releases toxins into the atmosphere. Others use autoclaving, or a pressurized steam-cleaning, to disinfect plastics before shredding them. But most medical waste ends up in landfills.

One company, JBI, Inc., has found a better solution – recycling plastic medical waste into fuel. Its CEO, John Bordynuik, was going through old research archives when he found information about a unique catalyst that can efficiently break down plastic molecules into an oil similar to biofuel.

This technology, now called Plastic 2 Oil (P2O), can extract about one liter of fuel from every kilogram of raw plastics.



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JBII Inc., which trades on the OTC under the stock symbol JBII, is buying a U.S. air filtration and custom air ventilation company that has worked with the U.S. Army Corp of Engineers, as well as numerous federal agencies and organizations within the health care industry. This new acquisition will allow JBI, Inc. to recycle medical waste plastic through its P2O process.

The company is looking for facilities that can be converted into P2O factories. Those who allow P2O factories to run on their property will receive extra fuel from the P2O process.

For more information please, visit www.plastic2oil.com and www.jbiglobal.com.