

Food Safety....

New Technology Destroys Bacteria in Water/Fuels

by Geoffrey Bruce, DeBug Canada

Quietly with little fanfare, a new technology has entered Canada in the year from 'down under'. The De-Bug™ - is manufactured in New Zealand and has been on the market in most of the world for the past 14 years. The De-Bug™ has the unique ability to kill over 97% of all bacteria yeast and fungal cells in any fluid medium passed through it. Until recently, that meant mostly diesel

fuel for, as any farmer knows, diesel fuels left for a time will "go bad", and develop the characteristic smell of hydrogen sulphide, or rotten eggs, and that indicates the presence of bacterial contamination. This is particularly common in Generator sets, as they often sit for long periods without being used. In the worst case, the "bugs" have formed an alga and as soon as the generator set is started, it

shuts down with a plugged filter, just when it is needed most! Over 25,000 installations have now been done in the marine environment alone, where 'bugged' diesel is an enormous problem. In fact, last year. Marine Log magazine, the commercial marine information journal, voted the De-Bug as a recipient Of the Innovative Product of the Year Award!

Recently, the company

has developed some quite large models, the largest able to treat 100,000 litres. The really big news is that they are being used to treat water, for, unlike ultra violet, the De-Bug requires no power and an absolute minimum of maintenance. With no bulbs to burn out or change, and no "wipe down" cleaning schedule the issue of maintenance costs is virtually eliminated. Ground water sources are even

contaminated, and properly installed and properly sized, the De-Bug™ is capable of ridding the water of almost all the bacteria. For those with cooling towers, or cutting fluid reservoirs, the De-Bug is a very cost effective, chemical free method of bacterial control. The De-Bug is available through De-Bug Canada, and, as in any new technology development, dealer inquiries are

invited. For more information, and to find out some of the other exciting effects of this innovative technology, visit us at www.debug.bc.ca, or e-mail us at gbruce@debug.bc.ca or give us a call toll free at, 888-854-7874. If you are in the local area we can be reached at 250-746-0590 or fax us at 250-746-0591 And if you are *still using the snail mail*, we can be found at 3899 Gibbins Road, Duncan, BC, V9L6E8.