Stevens Ecology

Biogeochemistry Research and Analysis

OFFICE
1710 State Road
Mosier, OR 97040
USA

VOICE
(541) 478-0594
(866) 942-7601

INTERNET
www.stevensecology.com

EMAIL
Info@stevensecology.com

Project Summary and Certification

A sample of non-aqueous liquid designated "Paratherm MR" was submitted by Paratherm Corporation on 11/26/2010 (our sample number 3626), and was subjected to aerobic ready-biodegradability testing using the standard OECD 301D protocol, compared with sodium benzoate reference.

The Sample appeared to meet the OECD criteria for "Inherently Biodegradable," although if it is a mixture, rather than a pure substance, the test may not provide direct evidence for the fate of minor components.

These conclusions are based on the following report of research that was conducted under my supervision.

SAMPLE	LABEL	PERCENT MINERALIZED	BIODEGRADATION RATE	ESTIMATED HALF-LIFE	ESTIMATED PERSISTENCE
REFERENCE	benzoate	83.1	0.0520	8.2 days	19 - 54 days
3626	Paratherm MR	32.0	0.0064	89.9 days	156 - 597 days

Todd O Stevens 3/5/2011

(signed) (date)

Todd O. Stevens, Ph.D.