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WRC-NSF STUDIES OF THE TOXICITY OF *FIRESTONE PONDGARD CE*
(FORMERLY POND LINER #1389) TO AQUATIC LIFE (REPORT NOS. UC 6082/3
and UC7978)

Studies to determine the effects of the *Firestone PondGard CE* (formerly *Firestone PondLiner #1389*)^{see Note} EPDM liner on rainbow trout (*Oncorhynchus mykiss*) and the freshwater crustacean *Daphnia magna* were carried out at the WRC-NSF laboratory at Medmenham. The tests were performed according to the methods described in procedures 202 (*Daphnia*, Acute immobilisation) and 203 (Fish, Acute toxicity) of the Organisation for Economic Co-operation and Development (OECD) Guidelines for testing chemicals.

Test animals were introduced after a leaching period of 24 hours. No effects were found for rainbow trout or *Daphnia* at the concentration range 0.002 to 0.02 m²l⁻¹. This range spans the exposures likely to be encountered in a wide range of pond sizes, down to the smallest practicable garden pond. These results indicate that the *Firestone PondGard CE* EPDM liner is safe for use in decorative ponds.

Note: No analysis of the new material has been carried out by WRC but it has received a written assurance from Firestone that the two materials are identical in composition.

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