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A BIBLIOGRAPHY OF PUBLISHED INFORMATION RELEVANT TO FIRE TOXICITY

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SUMMARY

The field of fire toxicity encompasses a wide variety of disciplines and technologies, and for that reason requires literature searches into many areas of knowledge. The 883 references in this bibliography represent the information known by the authors to be available or forthcoming in published form, as of June 30, 1977. This bibliography was prepared to assist those working in this field to help reduce the hazards of fire to man.
INTRODUCTION

The field of fire toxicity encompasses a wide variety of disciplines and technologies, and for that reason requires literature searches into many areas of knowledge. Part of the area of interest is covered by an area called, for lack of a better name, combustion toxicology.

Toxicology in the broad sense can be defined as the study of the untoward effects of substances in the environment on biological systems including man. In this sense, the toxicology of combustion products involves not only direct toxic effects, but also thermal effects, and effects on motor ability, perception, and judgement, all of which are important factors in escape from fires and in extent of fire injuries. The characteristics of the biological systems involved, and the methods of determining substances in these biological systems, are also relevant subjects.

Fire toxicity, however, embraces a greater area than combustion toxicology. It covers the areas of toxic materials characterization, polymer degradation, analytical chemistry, transfer operations, and other areas which may seem irrelevant at first glance. Fire toxicity does not cover these areas in their entirety, but it does involve the portions of those areas which are relevant to the untoward effects of fire on man.

This bibliography was prepared to assist those working in the field of fire toxicity, to help reduce the hazards of fire to man.

DISCUSSION

The 883 references in this bibliography represent the information known by the authors to be available or forthcoming in published form, as of June 30, 1977. These references are those which, in the authors' judgement, are presently or potentially useful to those in the field of fire toxicity. It is therefore possible that some useful references may have been either overlooked, or not included in this bibliography because they did not appear relevant on the basis of the title and abstract.

To make this bibliography as useful as possible to those who are not familiar with certain journals and to those who do not have ready access to professional librarians skilled in this field, the full titles of the articles and journals, and the names of all authors, are given wherever they were available to the authors, so that the user of this bibliography can obtain an indication of the content of each article, and of the continuity of researchers and research programs.
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