A SAS® DATA BASE OF CHEMICAL SUBSTANCE INFORMATION
FROM THE ENVIRONMENTAL PROTECTION AGENCY'S "THE 1990 LIST OF LISTS"

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"The List of Lists, a Catalog of Analytes and Methods" is an Environmental Protection Agency publication containing information about chemical substances (analytes) that are of environmental interest. Information includes substance names and synonyms, Chemical Abstract Service® (CAS) registry number, analysis type, analytical method, and detection limits.

A set of diskettes of DBF files of chemical substance information was obtained from EPA. The data were converted to SAS data sets from dBASE III using the DBF Procedure. Each of the several SAS data sets created is sorted by CAS registry number, which is a unique identifier of chemical substances. The data sets can be merged and subsetted to obtain desired information.

The List of Lists data base can be useful in any environmental application that requires information about chemical substances. For example, it could be used as input to an expert system, to augment an environmental information data base, or to identify chemical compound synonyms.

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1. SAS is a registered trademark of SAS Institute Inc. in the USA and other countries. ® indicates USA registration.


3. 'Registry Handbook--Number Section', Chemical Abstract Service.

4. dBASE III is a registered trademark of Ashton-Tate, Inc.

'Managed by Martin Marietta Energy Systems, Inc. under contract DE-AC05-84OR21400 with the U. S. Department of Energy.