



Integral Search System — ISS

The ISS is a user-friendly data base system used to help in estimating the "Inherent Hazard" of a hazardous waste site. The data base management system was developed by EPA/OTS and SAIC.

System Purpose:

To help in the approximate ranking of complex chemical mixtures for potential cancer hazard concern. The system is a menu-driven user-friendly system. The system is used to generate weighting factors for the sum of the $q1^*$ (slope factor) values of the individual compounds at a hazardous waste site, to produce an estimate of the "Inherent Hazard" of the mixture.

Content:

Type of Information - a compiled and edited list of interaction data from the BCIDB, PCIDB, and ICIDB systems, including information on chemical names, CAS numbers, resulting effects, and additional data.

Source of Information - data derived from the BCIDB, PCIDB, and ICIDB systems.
Number of Records - approximately 3,300.

Applications:

Documented - none yet.
Potential - hazard analysis at waste sites.

User Group(s):

U.S. EPA and other government agencies, and other professionals performing chemical hazard analysis.

Accessibility:

Hardware Requirements - IBM PC/AT or better with a hard disk and 640 KBytes memory. A color monitor is beneficial but not required. Reports can be sent to a dot-matrix or laser printer.

Software Requirements - MS-DOS or PC-DOS version 3.3 or higher.

Availability of User

Documentation:

User documentation is available.

Point(s) of Contact:

Drs. Yin-Tak Woo or
Joseph Arcos, U.S. EPA;
Gregg Polansky
(703) 734-2525, SAIC.

ICIDB

BCIDB

PCIDB

ISS

