

(CERCLA or Superfund) (42 U.S.C. 9601 *et seq.*) by establishing certain responsibilities for the ATSDR and the U.S. Environmental Protection Agency (EPA) with regard to hazardous substances that are most commonly found at facilities on the CERCLA National Priorities List (NPL). Among these responsibilities is that the Administrator of ATSDR prepare toxicological profiles for substances included on the priority lists of hazardous substances. These lists identified 275 hazardous substances that ATSDR and EPA determined pose the most significant potential threat to human health. The availability of the revised priority list of 275 hazardous substances was announced in the **Federal Register** on November 7, 2003 (68 FR 63098). For prior versions of the list of substances see **Federal Register** notices dated April 17, 1987 (52 FR

12866); October 20, 1988 (53 FR 41280); October 26, 1989 (54 FR 43619); October 17, 1990 (55 FR 42067); October 17, 1991 (56 FR 52166); October 28, 1992 (57 FR 48801); February 28, 1994 (59 FR 9486); April 29, 1996 (61 FR 18744); November 17, 1997 (62 FR 61332); October 21, 1999 (64 FR 56792) and October 25, 2001 (66 FR 54014).

[CERCLA also requires ATSDR to assure the initiation of a research program to fill data needs associated with the substances.]

Section 104(i)(3) of CERCLA [42 U.S.C. 9604(i)(3)] outlines the content of these profiles. Each profile will include an examination, summary and interpretation of available toxicological information and epidemiologic evaluations. This information and these data are to be used to identify the levels of significant human exposure for the substance and the associated health

effects. The profiles must also include a determination of whether adequate information on the health effects of each substance is available or in the process of development. When adequate information is not available, ATSDR, in cooperation with the National Toxicology Program (NTP), is required to assure the initiation of research to determine these health effects.

Although key studies for each of the substances were considered during the profile development process, this **Federal Register** notice seeks to solicit any additional studies, particularly unpublished data and ongoing studies, that will be evaluated for possible addition to the profiles now or in the future.

The following draft toxicological profiles will be made available to the public on or about October 18, 2004.

Document	Hazardous substance	CAS No.
1. ....	Cyanide .....	000057-12-5
	Hydrogen cyanide .....	000074-90-8
	Sodium cyanide .....	000143-33-9
	Potassium cyanide .....	000151-50-8
2. ....	Dichlorobenzenes .....	025321-22-6
	1, 2-Dichlorobenzene .....	000095-50-1
	1,3-Dichlorobenzene .....	00541-73-1
	1,4-Dichlorobenzene .....	00106-46-7
3. ....	1, 4-Dioxane* .....	000123-91-1
4. ....	Hydrogen Sulfide .....	007783-065-4
5. ....	1, 1, 1-Trichloroethane .....	000071-55-6
6. ....	Vinyl Chloride .....	000075-01-4

\*denotes new profile.

All profiles issued as "Drafts for Public Comment" represent ATSDR's best efforts to provide important toxicological information on priority hazardous substances. We are seeking public comments and additional information that may be used to supplement these profiles. ATSDR remains committed to providing a public comment period for these documents as a means to best serve public health and our clients.

**Georgi Jones,**

*Director, Office of Policy, Planning and Evaluation, National Center for Environmental Health/Agency for Toxic Substances and Disease Registry.*

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**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**Agency for Toxic Substances and Disease Registry**

[ATSDR-204]

**Availability of Final Toxicological Profiles**

**AGENCY:** Agency for Toxic Substances and Disease Registry (ATSDR), Department of Health and Human Services (HHS).

**ACTION:** Notice of availability.

**SUMMARY:** This notice announces the availability of one update and four new final toxicological profiles, completing the 2nd set developed for the Department of Energy, prepared by ATSDR.

**FOR FURTHER INFORMATION CONTACT:** Ms. Yulandia Jordon, Office of Communication, Agency for Toxic Substances and Disease Registry, Mailstop E-29, 1600 Clifton Road, NE.,

Atlanta, Georgia 30333, telephone 1-888-422-8737 or (404)498-0261.

**SUPPLEMENTARY INFORMATION:** These toxicological profiles were developed by ATSDR for hazardous substances at Department of Energy (DOE) waste sites under Section 104(i)(3) and (5) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA or Superfund). This public law directed ATSDR to prepare toxicological profiles for hazardous substances that are most commonly found at facilities on the CERCLA National Priorities List (NPL) and that pose the most significant potential threat to human health, as determined by ATSDR and the EPA. The current ATSDR priority list of hazardous substances at DOE NPL sites was announced in the **Federal Register** on July 24, 1996 (61 FR 38451).

Notices (66 FR 53610) and (66 FR 41243) announcing the availability of the draft toxicological profiles for public

review and comment were published in the **Federal Register** on October 23, 2001, and August 7, 2001, with notice of a 90-day public comment period for each profile, starting from the actual release date. Following the close of the comment period, chemical-specific comments were addressed, and, where appropriate, changes were incorporated into each profile. The public comments and other data submitted in response to the **Federal Register** notices bear the

docket control number ATSDR-174 and ATSDR-171. This material is available for public inspection at the Division of Toxicology, Agency for Toxic Substances and Disease Registry, 1825 Century Boulevard, Atlanta, Georgia, (not a mailing address) between 8 a.m. and 4:30 p.m., Monday through Friday, except legal holidays.

**Availability**

This notice announces the availability of one update and four new final

toxicological profiles, comprising the 2nd set developed for the Department of Energy, prepared by ATSDR. The following toxicological profiles are now available through the U.S. Department of Commerce, National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161, telephone 1-800-553-6847. There is a charge for these profiles as determined by NTIS.

**SECOND SET OF DOE PROFILES**

Toxicological profile	NTIS order No.	CAS No.
1. Americium .....	PB2004-104396	7440-35-9
2. Cesium .....	PB2004-104397	7440-46-2
3. Cobalt (Update) .....	PB2004-104398	7440-48-4
4. Iodine .....	PB2004-104399	7553-56-2
5. Strontium .....	PB2004-104400	7440-35-9

**Georgi Jones,**

*Director, Office of Policy, Planning, and Evaluation, National Center for Environmental Health/Agency for Toxic Substances and Disease Registry.*

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**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**Centers for Disease Control and Prevention**

**Cooperative Agreement for the Surveillance, and Prevention of Birth Defects**

*Announcement Type:* New.  
*Funding Opportunity Number:* RFA 05006.

*Catalog of Federal Domestic Assistance Number:* 93.283.

*Application Deadline:* December 21, 2004.

**I. Funding Opportunity Description**

*Authority:* This program is authorized under sections 317(k)(2) of the Public Health Service Act [42 U.S.C. 247b(k)(2)].

*Purpose:* The purpose of the program is to promote international surveillance and prevention of birth defects. This program addresses the "Healthy People 2010" focus area(s) of Maternal, Infant and Child Health.

Measurable outcomes of the program will be in alignment with one of the following performance goal(s) for the National Center on Birth Defects and Developmental Disabilities (NCBDDD): (1) Prevent birth defects and developmental disabilities (2) improve

the health and quality of life of Americans with disabilities.

This announcement is only for non-research activities supported by CDC. If research is proposed, the application will not be reviewed. For the definition of research, please see the CDC web site at the following Internet address: <http://www.cdc.gov/od/ads/opspoll1.htm>

Activities: Awardee activities for this program are as follows:

- Develop and/or maintain an international birth defects database that includes data from developed and developing countries from different areas of the world.
- Promote and operate an international collaboration and data clearinghouse among international partners and birth defect registries that enables international collaborative birth defect surveillance, epidemiologic assessment, and capacity building.
- Using such international partners and the international birth defects database, evaluate, compare and confirm patterns and trends of birth defects occurrences.
- Obtain, compile, and publish birth defect surveillance data from areas in the developed and developing world to assess the impact of birth defects.
- In collaboration with international partners, conduct secondary data analyses in order to evaluate potential birth defect risk factors and identify areas in need of epidemiologic assessments.
- Disseminate the birth defect surveillance data to member programs, partners such as national and international organizations, the World Health Organization, other health agencies, and other interested parties.

• Evaluate the changes in the occurrence of selected adverse reproductive outcomes likely to be prevented by folic acid (e.g., neural tube defects, oral clefts, and certain heart defects) in relation to folic acid policies that have been instituted in different areas of the world, including the Americas, Europe, the Middle East, Asia, and Africa.

• Promote or develop tools and guidelines to assist the development of birth defects surveillance activities in both developed and developing countries.

In a cooperative agreement, CDC staff is substantially involved in the program activities, above and beyond routine grant monitoring.

CDC Activities for this program are as follows:

- Assist, if requested, in designing, developing, and evaluating methodologies and approaches used for population-based birth defects surveillance.
- Assist, if requested, in analyzing surveillance data related to birth defects.
- Assist, if requested, in providing scientific consultation and assistance in the study of birth defects and in the approaches to study design, methodology, and implementation in the conduct of secondary data analyses.
- Assist, if requested, in the definition and format of the birth defect surveillance reports.
- Assist, if requested in developing tools and guidelines for birth defect surveillance.

**II. Award Information**

*Type of Award:* Cooperative Agreement. CDC involvement in this