## ENVIRONMENTAL PROTECTION AGENCY

**[OPPT–2002–0026; FRL–7183–7]**

## Fiftieth Report of the TSCA Interagency Testing Committee to the Administrator of the Environmental Protection Agency; Receipt of Report and Request for Comments

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Notice.

**SUMMARY:** The Toxic Substances Control Act (TSCA) Interagency Testing Committee (ITC) transmitted its 50th ITC Report to the Administrator of EPA on May 28, 2002. In the 50th ITC Report, which is included with this notice, the ITC is rescinding its request in the 48th ITC Report to EPA for the addition to the TSCA section 8(a) Preliminary Assessment Information Reporting (PAIR) rule of 12 of the 15 Degradation Effects Bioconcentration Information Testing Strategies (DEBITS) chemicals. However, the ITC is asking EPA to add 3 chemicals to the PAIR rule and 3 chemicals to the TSCA section 8(d) Health and Safety Data Reporting (HaSDR) rule.

The ITC is adding 2 chemicals and removing 36 chemicals from the *Priority Testing List*.

The ITC is soliciting comments on its Voluntary Information Submissions Innovative Online Network (VISION) and Voluntary Information Submissions Policy (VISP).

**DATES:** Comments, identified by docket ID number OPPT–2002–0026, must be received on or before August 29, 2002.

**ADDRESSES:** Comments may be submitted by mail, electronically, or in person. Please follow the detailed instructions for each method as provided in Unit I. of the **SUPPLEMENTARY INFORMATION.** To ensure proper receipt by EPA, it is imperative that you identify docket control number OPPT–2002–0026 in the subject line on the first page of your response.

**FOR FURTHER INFORMATION CONTACT:** *For general information contact*: Barbara Cunningham, Acting Director, Environmental Assistance Division (7408M), Office of Pollution Prevention and Toxics, Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460; telephone numbers: (202) 554–1404; e-mail address: TSCA-Hotline@epa.gov.

*For technical information contact*: John D. Walker, ITC Executive Director (7401M), Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460; telephone number: (202) 564–7526; fax: (202) 564–7528; e-mail address: walker.johnd@epa.gov.

**SUPPLEMENTARY INFORMATION:**

### I. General Information

*A. Does this Action Apply to Me?*

This notice is directed to the public in general. It may, however, be of particular interest to you if you manufacture (defined by statute to include import) and/or process TSCA-covered chemicals and you may be identified by the North American Industrial Classification System (NAICS) codes 325 and 32411. Because this notice is directed to the general public and other entities may also be interested, the Agency has not attempted to describe all the specific entities that may be interested in this action. If you have any questions regarding the applicability of this action to a particular entity, consult the technical person listed under **FOR FURTHER INFORMATION CONTACT.**

*B. How Can I Get Additional Information, Including Copies of this Document or Other Related Documents?*

1. *Electronically*. You may obtain electronic copies of this document, and certain other related documents that might be available electronically, from the EPA Internet Home Page at http://www.epa.gov/. To access this document, on the Home Page select ''Laws and Regulations,'' ''Regulations and Proposed Rules,'' and then look up the entry for this document under the ''**Federal Register**—Environmental Documents.'' You can also go directly to the **Federal Register** listings at http://www.epa.gov/fedrgstr/.

You may also access additional information about the ITC and the TSCA testing program through the web site for the Office of Prevention, Pesticides and Toxic Substances (OPPTS) at http://www.epa.gov/opptsfrs/home/opptsim.htm/, or go directly to the ITC home page at http://www.epa.gov/opptintr/itc/.

2. *In person*. The Agency has established an official record for this action under docket control number OPPT–2002–0026. The official record consists of the documents specifically referenced in this action, any public comments received during an applicable comment period, and other information related to this action, including any information claimed as Confidential Business Information (CBI). This official record includes the documents that are physically located in the docket, as well as the documents that are referenced in those documents. The public version of the official record does not include any information claimed as CBI. The public version of the official record, which includes printed, paper versions of any electronic comments submitted during an applicable comment period, is available for inspection in the TSCA Nonconfidential Information Center, North East Mall Rm. B–607, Waterside Mall, 401 M St., SW., Washington, DC. The Center is open from noon to 4 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Center is (202) 260–7099.

*C. How and to Whom Do I Submit Comments?*

You may submit comments through the mail, in person, or electronically. To ensure proper receipt by EPA, it is imperative that you identify docket control number OPPT–2002–0026 in the subject line on the first page of your response.

1. *By mail*. Submit your comments to: Document Control Office (7407M), Office of Pollution Prevention and Toxics (OPPT), Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460.

2. *In person or by courier*. Deliver your comments to: OPPT Document Control Office (DCO) in EPA East Building Rm. 6428, 1201 Constitution Ave., NW., Washington, DC. The DCO is open from 8 a.m. to 4 p.m., Monday through Friday, excluding legal holidays. The telephone number for the DCO is (202) 564–8930.

3. *Electronically*. You may submit your comments electronically by e-mail to: oppt.ncic@epa.gov, or mail your computer disk to the address identified above. Do not submit any information electronically that you consider to be CBI. Electronic comments must be submitted as an ASCII file avoiding the use of special characters and any form of encryption. Comments and data will also be accepted on standard disks in WordPerfect 6.1/8.0 or ASCII file format. All comments in electronic form must be identified by docket control number OPPT–2002–0026. Electronic comments may also be filed online at many Federal Depository Libraries.

*D. How Should I Handle CBI Information that I Want to Submit to the Agency?*

Do not submit any information electronically that you consider to be CBI. You may claim information that you submit to EPA in response to this document as CBI by marking any part or all of that information as CBI. Information so marked will not be disclosed except in accordance with procedures set forth in 40 CFR part 2.

In addition to one complete version of the comment that includes any information claimed as CBI, a copy of the comment that does not contain the information claimed as CBI must be submitted for inclusion in the public version of the official record. Information not marked confidential will be included in the public version of the official record without prior notice. If you have any questions about CBI or the procedures for claiming CBI, please consult the technical person listed under **FOR FURTHER INFORMATION CONTACT**.

*E. What Should I Consider as I Prepare My Comments for EPA?*

We invite you to provide your views and comments on the 50th ITC Report. You may find the following suggestions helpful for preparing your comments:

1. Explain your views as clearly as possible.
2. Describe any assumptions that you used.
3. Provide copies of any technical information and/or data you used that support your views.
4. Provide specific examples to illustrate your concerns.
5. Offer alternatives for improvement.
6. To ensure proper receipt by EPA, be sure to identify the docket control number assigned to this action in the subject line on the first page of your response. You may also provide the name, date, and **Federal Register** citation.

## II. Background

The Toxic Substances Control Act (TSCA) (15 U.S.C. 2601 *et seq.*) authorizes the Administrator of the EPA to promulgate regulations under TSCA section 4(a) requiring testing of chemicals and chemical groups in order to develop data relevant to determining the risks that such chemicals and chemical groups may present to health or the environment. Section 4(e) of TSCA established the ITC to recommend chemicals and chemical groups to the Administrator of the EPA for priority testing consideration. Section 4(e) of TSCA directs the ITC to revise the TSCA section 4(e) *Priority Testing List* at least every 6 months.

*A. The 50th ITC Report*

The 50th ITC Report was transmitted to EPA's Administrator on May 28, 2002, and is included in this notice.

In the 50th ITC Report, the ITC:

1. Rescinds its request in the 48th ITC Report to EPA for the addition to the PAIR rule of 12 of the 15 DEBITS chemicals. The 12 DEBITS chemicals are 3 ''chloroalkenes,'' 5 ''chlorinated trihalomethyl pyridines,'' 1 ''trihaloethylidene bisbenzene'' (benzene, 1,1'-(2,2,2-trichloroethylidene)bis-, CAS No. 2971–22–4); and 3 ''trichlorophenyldihydropyrazols'' (benzamide, 3-amino-N-[4,5-dihydro-5-oxo-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl]-, CAS No. 40567–18–8); 3H-pyrazol-3-one, 5-((5-amino-2-chlorophenyl)amino)-2,4-dihydro-2-(2,4,6-trichlorophenyl)-, CAS No. 53411–33–9; and benzamide, N-(4,5-dihydro-5-oxo-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl)-3-nitro-, CAS No. 63134–25–8. The ITC is not rescinding its request in the 48th ITC Report to add benzenamine, 3-chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-, CAS No. 29091–20–1; 3H-pyrazol-3-one, 5-((2-chloro-5-nitrophenyl)amino)-2,4-dihydro-2-(2,4,6-trichlorophenyl)-, CAS No. 30707–68–7; and phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-, CAS No. 1478–61–1 to the PAIR rule.

2. Adds 3 chemicals to the PAIR rule: 1 DEBITS chemical (stannane, dimethylbis[(1-oxoneodecyl)oxy]-, CAS No. 68928–76–7) from the 49th Report; 1 DEBITS chemical (benzene, 1,3,5-tribromo-2-(2-propenyloxy)-, CAS No. 3278–89–5) and 1-triazene, 1,3-diphenyl-, CAS No. 136–35–6 from the 50th ITC Report.

3. Adds stannane, dimethylbis[(1-oxoneodecyl)oxy]-, CAS No. 68928–76–7; benzene, 1,3,5-tribromo-2-(2-propenyloxy)-, CAS No. 3278–89–5; and 1-triazene, 1,3-diphenyl-, CAS No. 136–35–6 to the TSCA section 8(d) HaSDR rule.

4. Solicits comments on its VISION and VISP.

*B. Status of the Priority Testing List*

The ITC is adding benzene, 1,3,5-tribromo-2-(2-propenyloxy)- (CAS No. 3278–89–5) and 1-triazene, 1,3-diphenyl- (CAS No. 136–35–6) to the *Priority Testing List*. The ITC is removing acetone, 9 ''alkylphenols'' and ''alkylphenol ethoxylates'' added in the 37th ITC Report, 7 ''nonylphenol ethoxylates'' added in the 39th ITC Report, 4 ''alkylphenols'' and ''alkylphenol ethoxylates'' added in the 41st ITC Report, 3 DEBITS chemicals added in the 46th ITC Report, 3 DEBITS chemicals (3 ''chloroalkenes'') added in the 47th ITC Report, and 9 DEBITS chemicals added in the 48th ITC Report from the *Priority Testing List*. The current TSCA 4(e) *Priority Testing List* as of May 2002 can be found in Table 1 of the 50th ITC Report which is included in this notice.

## List of Subjects

Environmental protection, Chemicals, Hazardous substances.

Dated: July 22, 2002.

**Charles M. Auer,**

*Director, Chemical Control Division, Office of Pollution Prevention and Toxics.*

**Fiftieth Report of the TSCA Interagency Testing Committee to the Administrator, U.S. Environmental Protection Agency**

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**SUMMARY**

In this 50th ITC Report, the ITC is rescinding its request to the EPA to add 12 Degradation Effects Bioconcentration Information Testing Strategies (DEBITS) chemicals to the TSCA section 8(a) Preliminary Assessment Information Reporting (PAIR) rule (3 DEBITS chemicals from the 47th ITC Report and 9 DEBITS chemicals from the 48th ITC Report). However, the ITC is asking the EPA to add 6 chemicals to the PAIR rule, 3 DEBITS chemicals (3-chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-benzeneamine, 3H-pyrazol-3-one; 5-((2-chloro-5-nitrophenyl)amino)-2,4-dihydro-2-(2,4,6-trichlorophenyl)-; and phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-), from the 48th ITC Report, 1 DEBITS chemical (stannane, dimethylbis[(1-oxoneodecyl)oxy]-), from the 49th ITC Report, 1 DEBITS

chemical (benzene, 1,3,5-tribromo-2-(2-propenyloxy)-), and from the 50th ITC Report, 1-triazene, 1,3-diphenyl. The ITC is also asking the EPA to add stannane, dimethylbis[(1-oxoneodecyl)oxy]-; benzene, 1,3,5-tribromo-2-(2-propenyloxy)-; and 1-triazene, 1,3-diphenyl to the TSCA section 8(d) Health and Safety Data Reporting (HaSDR) rule.

The ITC is adding benzene, 1,3,5-tribromo-2-(2-propenyloxy)- and 1-triazene, 1,3-diphenyl to the *Priority Testing List*. The ITC is removing acetone, 9 alkylphenols and alkylphenol ethoxylates from the 37th ITC Report, 7 nonylphenol ethoxylates from the 39th ITC Report, 4 alkylphenols and alkylphenol ethoxylates from the 41st ITC Report, 3 DEBITS chemicals from the 46th ITC Report, 3 DEBITS chemicals from the 47th ITC Report, and 9 DEBITS chemicals from the 48th ITC Report and from the *Priority Testing List*.

The ITC is soliciting comments on its Voluntary Information Submissions Innovative Online Network (VISION) and Voluntary Information Submissions Policy (VISP).

The revised TSCA section 4(e) *Priority Testing List* follows as Table 1 of this appendix.

TABLE 1.—THE TSCA SECTION 4(E) PRIORITY TESTING LIST (MAY 2002)

| Report | Date | Chemical name/Group | Action |
|---|---|---|---|
| 28 | May 1991 | Chemicals with Low Confidence Reference Dose (RfD) Thiophenol | Designated |
| 31 | January 1993 | 13 Chemicals with insufficient dermal absorption rate data | Designated |
| 32 | May 1993 | 16 Chemicals with insufficient dermal absorption rate data | Designated |
| 35 | November 1994 | 4 Chemicals with insufficient dermal absorption rate data | Designated |
| 37 | November 1995 | 6 Alkylphenols and alkylphenol ethoxylates | Recommended |
| 39 | November 1996 | 1 Nonylphenol ethoxylate | Recommended |
| 41 | November 1997 | 3 Alkylphenols and alkylphenol ethoxylates | Recommended |
| 42 | May 1998 | 3-Amino-5-mercapto-1,2,4-triazole | Recommended |
| 42 | May 1998 | Glycoluril | Recommended |
| 46 | May 2000 | 8 Nonylphenol polyethoxylate degradation products | Recommended |
| 47 | November 2000 | 37 Indium compounds | Recommended |
| 47 | November 2000 | Pentachlorothiophenol | Recommended |
| 48 | May 2001 | Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis- | Recommended |
| 48 | May 2001 | 3-Chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-benzeneamine | Recommended |
| 48 | May 2001 | 3H-Pyrazol-3-one, 5-[(2-chloro-5-nitrophenyl)amino]-2,4-dihydro-2-(2,4,6-trichlorophenyl) | Recommended |
| 49 | November 2001 | Stannane, dimethylbis[(1-oxoneodecyl)oxy]- | Recommended |
| 50 | May 2002 | Benzene, 1,3,5-tribromo-2-(2-propenyloxy)- | Recommended |
| 50 | May 2002 | 1-Triazene, 1,3-diphenyl | Recommended |

**I. Background**

The ITC was established by section 4(e) of TSCA ''to make recommendations to the Administrator respecting the chemical substances and mixtures to which the Administrator should give priority consideration for the promulgation of a rule for testing under section 4(a).... At least every six months ..., the Committee shall make such revisions to the *Priority Testing List* as it determines to be necessary and transmit them to the Administrator together with the Committee's reasons for the revisions'' (Public Law 94–469, 90 Stat. 2003 *et seq.*, 15 U.S.C. 2601 *et seq.*). Since its creation in 1976, the ITC has submitted 49 semi-annual (May and November) reports to the EPA Administrator transmitting the *Priority Testing List* and its revisions. ITC Reports are available from the ITC's web site (http://www.epa.gov/opptintr/itc) within a few days of submission to the Administrator and from http://www.epa.gov/fedrgstr after publication in the **Federal Register**. The ITC meets monthly and produces its revisions to the *Priority Testing List* with administrative and technical support from the ITC staff, ITC members and their U.S. Government organizations, and contract support provided by EPA. ITC members and staff are listed at the end of this Report.

The 50th ITC Report marks a significant milestone for the ITC. Since its first meeting on February 5, 1977, the ITC has convened 425 meetings, screened thousands of chemicals, and reviewed more than 2,500 organic, organo-metallic, and inorganic chemicals to identify those with suspicions of toxicity, environmental release, and consumer or occupational exposures, but few, if any data (Ref. 14). In its 50 Reports, the ITC has added to the *Priority Testing List* and recommended testing or information reporting for 81 individual chemicals and 80 chemical groups (about 1,400 chemicals) for priority consideration by the EPA Administrator. In response, the EPA has published 200 **Federal Register** notices and reviewed hundreds of test protocols and data submissions and the U.S. chemical industry has developed over 1,000 tests and submitted more than 75,000 unpublished health and safety studies to the EPA.

As of 1992, testing was ongoing, proposed, under consideration, required or voluntarily conducted for 85% of the chemicals and chemical groups recommended by the ITC (Ref. 14). Many of the data developed as a result of ITC's recommendations have been incorporated into Material Safety Data Sheets, used by U.S. Government and industry organizations to develop hazard assessments and included in the Organization for Economic Cooperation and Development (OECD) Screening Information Data Set (SIDS) dossiers (e.g., 100% of the

chemicals in phase I of the OECD SIDS program were reviewed by the ITC prior to preparation of SIDS dossiers), (Ref. 14). Well-known examples of chemicals for which data have been developed as a result of ITC recommendations include alkyl phthalates, chlorinated paraffins and hexachlorobutadiene (Ref. 1), acrylamide, aryl phosphates, methylene chloride and trichloroethane (Ref. 2), chlorinated benzenes (Refs. 1 and 3), benzidine-, o-dianisidine- and o-toluidine-based dyes (Ref. 4), phenylenediamines (Ref. 5), alkyl tins and fluoroalkenes (Ref. 6), octylphenol (Ref. 7), bisphenol A (Ref. 8), tetrabromobisphenol A (Ref. 9), methyl tertiary butyl ether or MTBE (Ref. 10), and brominated flame retardants, including brominated diphenyl ethers (Ref. 11).

## II. TSCA Section 8 Reporting

### *A. TSCA Section 8 Reporting Rules*

Following receipt of the ITC's Report (and the revised *Priority Testing List*) by the EPA Administrator, the EPA's Office of Pollution Prevention and Toxics (OPPT) promulgates TSCA section 8(a) PAIR and TSCA section 8(d) HaSDR rules for chemicals added to the *Priority Testing List*. The PAIR rule requires producers and importers of Chemical Abstract Service (CAS)-numbered chemicals added to the *Priority Testing List* to submit production and exposure reports under TSCA section 8(a). The HaSDR rule requires producers, importers, and processors of all chemicals (including those with no CAS numbers) added to the *Priority Testing List* to submit unpublished health and safety studies under TSCA section 8(d) that must be in compliance with the revised HaSDR rule (63 FR 15765, April 1, 1998) (FRL–5750–4) codified at 40 CFR part 716. All submissions must be received by the EPA within 90 days of the reporting rules **Federal Register** publication date. The reporting rules are automatically promulgated by OPPT unless otherwise requested by the ITC. Under the ITC's VISION and VISP, promulgation of HaSDR rules for most chemicals that are added to the *Priority Testing List* has been delayed to allow voluntary submission of studies of specific interest (see section II.C. for further details on VISION and VISP).

### *B. ITC's Use of TSCA Section 8 and Other Information*

The ITC reviews the TSCA section 8(a) PAIR rule reports, TSCA section 8(d) HaSDR rule studies and other information that becomes available after the ITC adds chemicals to the *Priority Testing List*. Other information includes TSCA section 4(a) and 4(d) studies; TSCA section 8(c) submissions; TSCA section 8(e) ''substantial risk'' notices; ''For Your Information'' (FYI) submissions; ITC voluntary submissions, unpublished data submitted to and from U.S. Government organizations represented on the ITC; published papers, as well as use, exposure, effects, and persistence data that are voluntarily submitted to the ITC by manufacturers, importers, processors, and users of chemicals recommended by the ITC. The ITC reviews this information and determines if data needs should be revised, if chemicals should be removed from the *Priority Testing List*, or if recommendations should be changed to designations.

### *C. Promoting More Efficient Use of Information Submission Resources*

To promote more efficient use of information submission resources, the ITC developed the VISP and VISION. The VISP provides examples of data needed by ITC member U.S. Government organizations, examples of studies that should not be submitted, the milestones for submitting information, guidelines for using the TSCA Electronic HaSDR Form and instructions for electronically submitting full studies. The VISP is described in the ITC's 41st Report (63 FR 17658, April 9, 1998) (FRL–5773–5) and is accessible through the world wide web (http://www.epa.gov/opptintr/itc/visp.htm ). To facilitate the implementation of the VISP, the ITC developed the VISION. The VISION is described in the ITC's 42nd ITC Report (63 FR 42554, August 7, 1998) (FRL–5797–8) and is also accessible through the world wide web (http://www.epa.gov/opptintr/itc/vision.htm). The VISION includes links to the TSCA Electronic HaSDR Form (http://www.epa.gov/opptintr/.er/hasd.htm) including revised section 3.2 of the TSCA Electronic HaSDR Form to provide more use and exposure information (for details see the 46th ITC Report; 65 FR 75552, December 1, 2000) (FRL–6594–7).

The ITC requests that chemical producers, importers, processors, and users provide information electronically via VISION on chemicals for which the ITC is soliciting voluntary information. If the ITC does not receive voluntary information submissions to meet its data needs according to the procedures in VISP, the ITC may then ask the EPA to add those chemicals to a TSCA section 8(d) HaSDR rule to determine if there are unpublished data to meet those needs (see section III.A. that requests comments on the need to continue VISION and VISP).

### *D. Coordinating Information Rrequests*

To avoid duplicate reporting, the ITC carefully coordinates its information solicitations and reporting requirements with other national and international testing programs, (e.g., the National Toxicology Program, the OECD SIDS program and the EPA's High Production Volume (HPV) Challenge program). The ITC is currently focusing its efforts on persistent non-HPV chemicals that have bioconcentration and exposure potential, but few, if any, publicly available ecological or health effects data. The ITC is working with the EPA Persistent Bioaccumulative Toxics (PBT), Endocrine Disruption, and perfluoroctylsulfonate chemicals workgroups to identify potentially toxic chemicals with few data to complement the objectives of those programs.

### *E. Requests to Promulgate TSCA Section 8(a) PAIR and Section 8(d) HaSDR Rules*

The ITC asked the EPA to add 3 chloroalkenes to the TSCA section 8(a) PAIR rule in its 48th ITC Report (66 FR 51276, October 5, 2001) (FRL–6786–7). In addition, the ITC asked the EPA to add 5 chlorinated trihalomethyl pyridines, 2 trihaloethylidene bisbenzenes, 4 trichlorophenyldihydropyrazols, and 3-chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-benzeneamine to the TSCA section 8(a) PAIR rule in its 48th ITC Report (66 FR 51276, October 5, 2001).

At this time, the ITC is rescinding its request to add the 3 chloroalkenes; 5 chlorinated trihalomethyl pyridines; 1 of the trihaloethylidene bisbenzenes (benzene, 1,1'-(2,2,2-trichloroethylidene)bis-, CAS No. 2971–22–4); and 3 of the trichlorophenyldihydropyrazols (benzamide, 3-amino-N-[4,5-dihydro-5-oxo-1- (2,4,6-trichlorophenyl)-1H-pyrazol-3-yl, CAS No. 40567–18–8, 3H-pyrazol-3-one, 5-((5-amino-2-chlorophenyl)amino)-2,4-dihydro-2-(2,4,6-trichlorophenyl)-, CAS No. 53411–33–9, and benzamide, N-(4,5-dihydro-5-oxo-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl)-3-nitro-, CAS No. 63134–25–8) to the TSCA section 8(a) PAIR rule, either because no production or importation data were submitted to the EPA in response to the 1998 Inventory Update Rule (IUR) or because the predicted bioconcentration factors (BCFs) were judged to be too low to warrant priority consideration at this time.

The ITC is not rescinding its request to add 3-chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-benzeneamine (CAS No. 29091–20–1), 3H-pyrazol-3-one, 5-((2-chloro-5- nitrophenyl)amino)-2,4-dihydro-2-(2,4,6-trichlorophenyl)- (CAS No. 30707–68–7), and phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis- (CAS No. 1478–61–1) to the TSCA section 8(a) PAIR rule.

At this time, the ITC is also asking the EPA to add stannane, dimethylbis[(1-oxoneodecyl)oxy]- (CAS No. 68928–76–7), benzene, 1,3,5-tribromo-2-(2-propenyloxy)- (CAS No. 3278–89–5) and 1-triazene, 1,3-diphenyl (CAS No.136–35–6) to the TSCA section 8(a) PAIR rule. Stannane, dimethylbis[(1-oxoneodecyl)oxy]- and benzene, 1,3,5-tribromo-2-(2-propenyloxy)- are being added to the TSCA section 8(a) PAIR rule, because they are estimated to persist and have predicted BCFs of 8,650 and 4,019, respectively, few toxicity data and a need for additional use and exposure data, beyond that provided by the manufacturers. 1-Triazene, 1,3-diphenyl is being added to the TSCA section 8(a) PAIR rule, because it is a predicted carcinogen based on its metabolism and because the ITC needs occupational exposure data.

At this time, the ITC is also asking the EPA to add stannane, dimethylbis[(1-oxoneodecyl)oxy]-, benzene, 1,3,5-tribromo-2-(2-propenyloxy)- and 1-triazene, 1,3-diphenyl to the TSCA section 8(d) HaSDR rule. Stannane, dimethylbis[(1-oxoneodecyl)oxy]- is being added to the TSCA section 8(d) HaSDR rule, because the ITC needs to know if there are other toxicity data in addition to that described in section IV.A.2. and 3. of the 49th Report (67 FR 10298, March 6, 2002) (FRL–6820–8). The ITC needs ecological effects and more health effects data; only studies where stannane, dimethylbis[(1-oxoneodecyl)oxy]- is ≥90% of the test substance by weight should be submitted.

Benzene, 1,3,5-tribromo-2-(2-propenyloxy)- is being added to the TSCA section 8(d) HaSDR rule, because the ITC needs to know

if there are other toxicity data in addition to that described in section IV.A.1.iii. of this Report. The ITC needs ecological effects and more health effects data; only studies where benzene, 1,3,5- tribromo-2-(2-propenyloxy)- is ≥90% of the test substance by weight should be submitted.

1-Triazene, 1,3-diphenyl is being added to the TSCA section 8(d) HaSDR rule, because the ITC needs pharmacokinetics, genotoxicity, subchronic and chronic toxicity, reproductive, and developmental toxicity data. Only studies where diazoaminobenzene is ≥90% of the test substance by weight should be submitted.

**III. ITC's Activities During this Reporting Period (November 2001 to April 2002)**

*A. VISION*

The ITC is the only organization for which the EPA can promulgate direct TSCA section 8(d) HaSDR final rules. As such, when the EPA convened public meetings to discuss revisions to the TSCA section 8(d) HaSDR rule (63 FR 15765, April 1, 1998) (FRL–5750–4), the ITC was invited to provide and respond to comments on this rule. One of the most consistent comments by the chemical industry was that the ITC should offer more opportunities to provide voluntary information submissions (to avoid the mandatory requirements of submitting information in response to a TSCA section 8(d) HaSDR rule). In response to these chemical industry requests, the ITC developed VISP, VISION, and the TSCA Electronic HaSDR Form, and is currently evaluating their effectiveness.

The ITC developed VISP, VISION, and the TSCA Electronic HaSDR Form as tools to provide a more cost-effective method for chemical producers, importers, processors, and users of ITC-recommended chemicals to provide voluntary information. With the exception of 3 trade organizations, the Alkylphenols & Ethoxylates Research Council (APERC), the Color Pigment Manufacturers Association (CPMA), and the Ecological and Toxicological Association of Organic Dye Manufacturers (ETAD), and 4 manufacturers, 3M Specialty Materials, Ciba Speciality Chemicals, E. I. du Pont de Nemours and Company, and Rohm and Haas Company, these tools have not been used by chemical producers, importers, processors, and users of ITC-recommended chemicals. The ITC has received voluntary information submissions on <15% of the approximately 500 chemicals for which the ITC has solicited voluntary information since implementing the VISP and VISION, in effect delaying the ITC's ability to obtain the information it needs to make decisions and meet U.S. Government data needs.

The ITC recognizes that there are increasing demands on the chemical industry to provide information in response to voluntary initiatives, e.g., the OECD SIDS program, EPA HPV Challenge program and Voluntary Children's Chemical Evaluation Program (VCCEP). The ITC supports and coordinates its voluntary information requests with these programs. However, as a statutory-mandated organization charged with screening and identifying potentially hazardous chemicals, the ITC also recognizes that the chemical industry has the responsibility under TSCA and under the principles of Responsible Care® and Chemical Right-to-Know, to promptly and voluntarily provide information on the ITC's recommended chemicals to be used in subsequent hazard, exposure, and risk assessments by the U.S. Government organizations represented on the ITC.

The ITC is considering whether to continue the use of the VISP, VISION, and the TSCA Electronic HaSDR Form for chemicals added to the *Priority Testing List*, as the lack of use of these tools has resulted in substantial delays in obtaining information that could be used to meet the ITC's data needs. The ITC requests comments on procedures that could be implemented to make these existing tools or other procedures for submitting voluntary information more effective. Comments in a word processing file attached to an e-mail to walker.johnd@epa.gov are preferred, but the ITC will also accept comments submitted to Dr. John D. Walker at the address listed at the end of this Report by September 30, 2002.

*B. DEBITS*

In its 45th through 49th ITC Reports, the ITC described its strategies to screen and evaluate chemicals with persistence and bioconcentration potential. These activities are referred to as DEBITS. DEBITS provides a means to prioritize chemicals for information reporting and testing based on degradation and bioconcentration potential and availability of effects data.

Prior to this reporting period the ITC made information reporting or testing deferral decisions on 206 DEBITS chemicals. During this reporting period, the ITC completed its review of the remaining 252 DEBITS chemicals, including the 9 chemicals discussed in this section:

1. Benzene, 1,3,5-tribromo-2-(2-propenyloxy)- (CAS No. 3278–89–5),

2. 2,9-Dimethylquinacridone (CAS No. 980–26–7),

3. 1,2-Ethanediyl tetrakis (2-chloro-1-methylethyl) phosphate (CAS No. 34621–99–3),

4. Oxirane, 2,2',2''-(methylidynetris(phenyleneoxymethylene)) (tris- (CAS No. 66072–38–6),

5. *P*-cresol, 2,6-di-tert-butyl-alpha-(dimethylamino) (CAS No. 88–27–7),

6. Spiro isobenzofuran-1(3H),9'-9H xanthen-3-one, 3',6'-bis(ethylamino)-2',7'-dimethyl- (CAS No. 41382–37–0),

7. 1H-indole-2-carboxaldehyde, 2,3-dihydro-2-hydroxy-1,3,3-trimethyl-(4-methoxyphenyl) methylhydrazone (CAS No. 81241–99–8),

8. Phenoxazin-5-ium, 3,7-bis(diethylamino)-, (T-4)-tetrachlorozincate(2-) (2:1) (CAS No. 63589–47–9), and

9. Oxirane, 2-[2-(4-chlorophenyl)ethyl]-2-(1,1-dimethylethyl)- (CAS No. 80443–63–6).

The ITC is adding benzene, 1,3,5-tribromo-2-(2-propenyloxy)- to the *Priority Testing List* as discussed in section IV.A.1. The ITC deferred making a testing recommendation for 2,9-dimethylquinacridone because its absorption potential into mammalian tissues is expected to be low based on absorption data for the structurally related EPA HPV Challenge chemical, 5,12-dihydroquino(2,3-b)acridine-7,14-dione (CAS No. 1047–16–1). 1,2-Ethanediyl tetrakis (2-chloro-1-methylethyl) phosphate was previously removed from the *Priority Testing List* in the ITC's 36th ITC Report (60 FR 42982, August 17, 1995) (FRL–4965–6).

Oxirane, 2,2',2''-(methylidynetris (phenyleneoxymethylene))tris- was deferred for testing because its predicted hydrolysis half life was 3 days. The ITC deferred making testing recommendations for *p*-cresol, 2,6-di-tert-butyl-alpha-(dimethylamino); spiro isobenzofuran-1(3H),9'-9H xanthen-3-one, 3',6'-bis(ethylamino)-2',7'-dimethyl-; 1H-indole-2-carboxaldehyde, 2,3-dihydro-2-hydroxy-1,3,3-trimethyl-(4-methoxyphenyl) methylhydrazone; and phenoxazin-5-ium, 3,7-bis(diethylamino)-, (T-4)-tetrachlorozincate(2-) (2:1) because of their low-exposure potential. Oxirane, 2-[2-(4-chlorophenyl)ethyl]-2-(1,1-dimethylethyl)- was deferred for testing because it is likely to be tested under one of the voluntary HPV chemical testing programs.

The remaining 243 DEBITS chemicals deferred for testing include 7 DEBITS chemicals with predicted BCFs <1,000 (see Table 2 of this appendix), 28 EPA HPV Challenge program DEBITS chemicals (see Table 3 of this appendix), and 208 non-HPV DEBITS chemicals with predicted BCFs of 3–13 (see Table 4 of this appendix).

TABLE 2.—SEVEN DEBITS CHEMICALS WITH PREDICTED BCFS <1,000

| CAS No. | Chemical name | Structural class | BCF |
|---|---|---|---|
| 827–94–1 | 2,6-Dibromo-4-nitrobenzenamine | 2,6-Dibromoanilines | 64 |
| 90–93–7 | Bis[4-(Dimethylamino)phenyl] methanone | 4,4'-Substituted benzophenones | 467 |
| 6408–72–6 | 9,10-Anthracenedione, 1,4-diamino-2,3-diphenoxy- | Diaminoanthraquinones | 585 |

TABLE 2.—SEVEN DEBITS CHEMICALS WITH PREDICTED BCFS <1,000—Continued

| CAS No. | Chemical name | Structural class | BCF |
|---|---|---|---|
| 19014–53–0 | 9,10-Anthracenedione,1-amino-2-(4-((hexahydro-2-oxo-1H-azepin-1-yl)methyl)phenoxy)-4-hydroxy- | Hydroxyamino anthraquinones | 336 |
| 596–03–2 | Spiro isobenzofuran-1(3H),9'-9Hxanthen-3-one,4',5'-dibromo-3;,6'- dihydroxy-, disodium salt | Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-ones | 709 |
| 2280–49–1 | N-Phenyl-N-(trichloromethylsulfenyl)benzene sulfonamide | | 598 |
| 20941–65–5 | Tetrakis(diethylcarbamodithioato-S,S')tellurium | | 478 |

TABLE 3.—TWENTY-EIGHT EPA HPV CHALLENGE PROGRAM DEBITS CHEMICALS

| CAS No. | Chemical name |
|---|---|
| Structural Class—[(2-Hydroxy-1-naphthalenyl)azo]benzenesulfonate salts | |
| 7023–61–2 | 2-Naphthalenecarboxylic acid, 4-((5-chloro-4-methyl-2-sulfophenyl)azo)-3-hydroxy-, calcium salt (1:1) |
| 7585–41–3 | 2-Naphthalenecarboxylic acid, 4-((5-chloro-4-methyl-2-sulfophenyl)azo)-3-hydroxy-, barium salt (1:1) |
| Structural Class—[[4-[(Phenyl)azo]phenyl]azo] benzenesulfonic acid salts | |
| 68555–86–2 | Benzenesulfonic acid, 4-((5-methoxy-4-((4-methoxyphenyl)azo)-2-methylphenyl)azo)-, sodium salt |
| Structural Class— 4,4'-bis(Triazinylamino)stilbene-2,2'-disulfonic acid salts | |
| 5182–81–9 | 2,2'-Stilbenedisulfonic acid, 4,4'-bis((4-anilino-6-morpholino-s-triazin-2-yl)amino)-, disodium salt |
| 67786–25–8 | Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis(5-((4-(bis(2-hydroxypropyl)amino)-6-((4-sulfophenyl) amino)-1,3,5-triazin-2-yl)amino)-, tetrasodium salt |
| Structural Class - 4-Amino-4'-nitroazobenzenes | |
| 3618–72–2 | Acetamide, -(5-(bis(2-(acetyloxy)ethyl)amino)-2-((2-bromo-4,6-dinitrophenyl)azo)-4-methoxyphenyl)- |
| Structural Class—Halogenated cycloalkenes | |
| 77–47–4 | 1,3-Cyclopentadiene, 1,2,3,4,5,5-Hexachloro- |
| 3734–48–3 | 4,7-Methanoindene, 4,5,6,7,8,8-hexachloro-delta(sup 1,5)-tetrahydro- (chlordene) |
| 62111–47–1 | Heptachlorocyclopentene |
| Structural Class—Halogenated propanes | |
| 1070–78–6 | 1,1,1,3-Tetrachloropropane |
| 16714–68–4 | 1,1,2,2,3-Pentachloropropane |
| Structural Class —Hexachlorobicyclo[2.2.1]hept-5-ene-2,3-dicarboxy compounds | |
| 115–27–5 | 4,7-Methanoiosobenzofuran-1,3-dione, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro |
| 115–28–6 | Chlorendic acid |
| Structural Class—Phosphoric acid, 2-chloroethyl esters | |
| 13674–87–8 | 2-Propanol, 1,3-dichloro-, phosphate (3:1) |
| 13204–14–8 | 2,2-Bis(chloromethyl)trimethylene bis(bis(2-chloroethyl)phosphate) |
| Structural Class —Sulfonaphthyl-substituted 4,1-diazophenyl compounds | |
| 8003–69–8 | 2-Naphthalenesulfonic acid,6-((7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo)-3-((4-((4-amino-6(or 7)-sulfo-1-naphthalenyl)azo)phenyl)azo)-4-hydroxy-, trisodium salt |
| 1670–62–6 | Trisodium 6-((2,4-diaminophenyl)azo)-3-((4-((4-((7-((2,4- diaminophenyl)azo)-1-hydroxy-3-sulphonato-2-naphthyl)azo)phenyl)amino)-3-sulphonatophenyl)azo)-4-hydroxynaphthalene-2-sulphonate |

TABLE 3.—TWENTY-EIGHT EPA HPV CHALLENGE PROGRAM DEBITS CHEMICALS—Continued

| CAS No. | Chemical name |
|---|---|
| Structural Class— Tetrachlorobenzenes | |
| 95–94–3 | 1,2,4,5-Tetrachlorobenzene |
| 634–66–2 | 1,2,3,4-tetrachlorobenzene |
| Structural Class —Tris(aminoaryl)methanamimnium compounds | |
| 2152–64–9 | Benzenamine, -phenyl-4-((4-(phenylamino)phenyl)(4-(phenylimino)-2,5-cyclohexadien-1-ylidene)methyl)-, monohydrochloride |
| 101–20–2 | Urea, N-(4-Chlorophenyl)-N'-(3,4-dichlorophenyl)- |
| 719–32–4 | Terephthaloyl chloride, tetrachloro- |
| 433–06–3 | 1,1,2,2-Tetrachloroethylsulfenyl chloride |
| 1203–86–7 | 2,2-Dichloro-1-(2,4,5-trichlorophenyl)-ethanone |
| 55954–19–3 | 1H-Azepine-1-carboxamide, N-(3-(((hexahydro-2-oxo-1H-azepin-1-yl)carbonyl)amino)methyl)- 3,5,5-trimethylcyclohexyl)hexahydro-2-oxo- |
| 60825–27–6 | Acetic acid, ((3,5,6-trichloro-2-pyridinyl)oxy)-, ethyl ester |
| 64667–33–0 | Hexanoic acid, 4,6,6,6-tetrachloro-3,3-dimethyl-, methyl ester |
| 69806–40–2 | Propanoic acid, 2-(4-((3-chloro-5-(trifluoromethyl)-2-pyridinyl)oxy)phenoxy)-, methyl ester |

TABLE 4.—TWO HUNDRED EIGHT NON-HPV DEBITS CHEMICALS WITH PREDICTED BCFS OF 3–13

| CAS No. | Chemical name |
|---|---|
| Structual Class—(2-Thiazolylazo)benzenamines | |
| 19745–44–9 | Propionitrile, 3-[p-[(5-nitro-2-thiazolyl)azo]-N-phenethylanilino]- |
| 68516–81–4 | Ethanol, 2-[ethyl[3-methyl-4-[(5-nitro-2-thiazolyl)azo]phenyl]amino]- |
| 70693–63–9 | Benzenamine, N,N-diethyl-3-methyl-4-(2-thiazolylazo)- |
| Structual Class—[(2-Hydroxy-1-naphthalenyl)azo]benzenesulfonate salts | |
| 12688–94–7 | Manganese, (4-((5-chloro-4-methyl-2-sulfophenyl)azo)-3-hydroxy-2-naphthalenecarboxylato(2-))- |
| 5070–41–8 | 2-Naphthalenecarboxylic acid, 4-((5-chloro-4-methyl-2-sulfophenyl)azo)-3-hydroxy-, strontium salt (1:1) |
| 17852–99–2 | Calcium 4-((4-chloro-5-methyl-2-sulphonatophenyl)azo)-3-hydroxy-2-naphthoate |
| 20514–68–1 | 2-Naphthalenecarboxylic acid, 4-((4-chloro-5-ethyl-2-sulfophenyl)azo)-3-hydroxy-, calcium salt (1:1) |
| 67801–01–8 | Barium bis(5-chloro-4-ethyl-2-((2-hydroxy-1-naphthyl)azo)benzenesulphonate) |
| 67828–72–2 | 2-Naphthalenecarboxylic acid, 4-((4-chloro-5-methyl-2-sulfophenyl)azo)-3-hydroxy-, strontium salt (1:1) |
| Structual Class—[(3,5-Dinitro-2-thienyl)azo]anilines | |
| 14932–34–9 | 2,2'-(4-((3,5-Dinitro-2-thienyl)azo)-4,1-phenyleneimino)bisethanol, diacetate (ester) |
| 58979–46–7 | Acetamide, N-[5-(diethylamino)-2-[(3,5-dinitro-2-thienyl)azo]phenyl]- |
| Structual Class—[[3-[(Phenyl)azo]phenyl]azo]benzenes | |
| 4482–25–1 | 1,3-Benzenediamine, 4,4'-(4-methyl-1,3-phenylene)bis(azo)bis 6-methyl- |
| 5421–66–9 | 1,3-Benzenediamine, 4,4'-((4-methyl-1,3-phenylene)bis(azo))bis(6-methyl-, dihydrochloride |
| 67874–26–4 | Benzoic acid, 5-((4-((3-((3-((2,4-diaminophenyl)azo)-2-hydroxy-5-sulfophenyl)azo)-2,6-dihydroxyphenyl)azo)phenyl) azo)-2-hydroxy-, disodium salt |
| 71799–74–1 | 2,7-Naphthalenedisulfonic acid, 4-((2,4-dihydroxy-5-((2-hydroxy-3,5-dinitrophenyl)azo)-3((4-nitrophenyl)azo)phenyl)azo)-5-hydroxy- |

TABLE 4.—TWO HUNDRED EIGHT NON-HPV DEBITS CHEMICALS WITH PREDICTED BCFS OF 3–13—Continued

| CAS No. | Chemical name |
|---|---|
| Structual Class—[[4-[(Phenyl)azo]phenyl]azo]benzenesulfonic acid salts | |
| 51418–90–7 | Benzenesulfonic acid, 3-((4-((4-(2-hydroxybutoxy)-3-methylphenyl)azo)-3-methoxyphenyl)azo)-, monosodium salt |
| 61290–31–1 | Benzenesulfonic acid, 3-((4-((4-(2-hydroxybutoxy)phenyl)azo)-5-methoxy-2-methylphenyl)azo)-, monolithium salt |
| 63405–85–6 | Benzenesulfonic acid, 3-[[3-methoxy-4-[(4-methoxyphenyl)azo]phenyl]azo]-, sodium |
| 68400–34–0 | Benzenesulfonic acid, 4-[[4-[(4-hydroxyphenyl)azo]-5-methoxy-2-methylphenyl]azo-, monosodium salt] |
| 68959–01–3 | Benzenesulfonic acid, 4-chloro-3-((4-((4-ethoxyphenyl)azo)phenyl)azo)-, sodium salt |
| Structual Class—[[4-[(Phenyl)azo]phenyl]azo] benzenesulfonic acids | |
| 30282–44–1 | Benzenesulfonic acid, p-[[2,4-dihyroxy-3-(xylylazo)phneyl]azo]- |
| Structual Class—[2-Methoxy-4-[(3-sulfophenyl)azo]phenyl]urea salts | |
| 7248–45–5 | Benzoic acid, 2-hydroxy-5-((4-((((2-methoxy-4-((3-sulfophenyl)azo)phenyl)amino) carbonyl)amino)phenyl)azo)-, disodium salt |
| 10114–86–0 | 3,3'-(Carbonylbis(imino(3-methoxy-4,1-phenylene)azo))bis(benzenesulfonic acid), disodium salt |
| Structual Class—[2-Methoxy-4-[(3-sulfophenyl)azo]phenyl]ureas | |
| 8697–36–6 | Benzenesulfonic acid, 3,3'-(carbonylbis(imino(3-methoxy-4,1-phenylene)azo))bis- |
| Structual Class—1-[(Dinitrophenyl)azo]-2-naphthalenols | |
| 4998–82–7 | 1-[(2-Hydroxy-3,5-dinitrophenyl)azo]-2-hydroxynaphthalene |
| Structual Class— 1H-Indole-5-sulfonic acid, 2-phenyl-3-[[2-(phenylsulfonyl)phenyl]azo]-1H-Indole-5- sulfonic acid salts | |
| 90677–63–7 | 1H-Indole-5-sulfonic acid, 2-phenyl-3-[[2-(phenylsulfonyl)phenyl]azo]-, monosodium salt |
| Structual Class—1H-Indole-5-sulfonic acid, 2-phenyl-3-[[2-(phenylsulfonyl)phenyl]azo]-1H-Indole-5- sulfonic acids | |
| 93972–88–4 | 1H-Indole-5-sulfonic acid, 2-phenyl-3-[[2-(phenylsulfonyl)phenyl]azo]- |
| Structual Class—2-(Phenylazo)-3-oxo-N-phenylbutanamides | |
| 2512–29–0 | Butanamide, 2-[(4-methyl-2-nitrophenyl)azo]-3-oxo-N-phenyl- |
| 6486-21-1 | Acetoacetanilide, 2-[(4-methoxy-2-nitrophenyl)azo]- |
| 6486–23–3 | Butanamide, 2[(4-chloro-2-nitrophenyl)azo]-N-(2-chlorophenyl)-3-oxo- |
| 12225–18–2 | Butanamide, N-(4-chloro-2,5-dimethoxyphenyl)-2-((2,5-dimethoxy-4-((phenylamino)sulfonyl)phenyl)azo)-3-oxo- |
| 13515–40–7 | o-Acetoacetanisidide, 2-[(4-chloro-2-nitrophenyl)azo]- |
| 32432–45–4 | o-Acetoacetotoluidide, 4'-chloro-2-[(4-chloro-2-nitrophenyl)azo]- |
| 52320–66–8 | 2-((4-Chloro-2-nitrophenyl)azo)-N-(4-ethoxyphenyl)-3-oxobutyramide |
| Structual Class—2,4-bis[(Arylazo)arylamino]-6-amino-1,3,5-triazines | |
| 104–03–8 | 2-Naphthalenesulfonic acid, 7,7'-((6-(4-morpholinyl)-1,3,5-triazine-2,4-diyl)diimino)bis(4-hydroxy-3-((4-methoxy-2-sulfophenyl)azo)-, tetrasodium salt |
| 50925–42–3 | 1,5-Naphthalenedisulfonic acid, 3,3'-((6-((2-hydroxyethyl)amino)-1,3,5-triazine-2,4-diyl)bis(imino(2-methyl-4,1-phenylene)azo))bis-, tetrasodium salt |
| 52953–36–3 | Cuprate(4-),(4-hydroxy-7-((4-((2-hydroxyethyl)amino)-6-((5-hydroxy-6-((2-hydroxy-5-sulfophenyl)azo)-7-sulfo-2-naphthalenyl)amino)-1,3,5-triazin-2-yl)amino)-3-((4-methoxy-2-sulfophenyl)azo)-2-naphthalenesulfonato(6-))-, tetrasodium |
| Structual Class—2-[[6-[(1,3,5-Triazin-2-yl)amino]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-1,5-naphthalenedisulfonic acid salts | |
| 70616–90–9 | 1,5-Naphthalenedisulfonic acid, 2-((6-((4,6-dichloro-1,3,5-triazin-2-yl)methylamino)-1-hydroxy-3-sulfo-2-naphthalenyl)azo)-, trisodium salt |

TABLE 4.—TWO HUNDRED EIGHT NON-HPV DEBITS CHEMICALS WITH PREDICTED BCFS OF 3–13—Continued

| CAS No. | Chemical name |
|---|---|
| 89923–44–4 | Trisodium 2-((6-((4-(ethylphenylamino-6-fluoro-1,3,5-triazin-2-yl)amino)-1-hydroxy-3-sulphonato-2-naphthyl)azo)naphthalene-1,5-disulphonate |
| Structual Class—2-Azo-N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)- 3-oxobutanamides | |
| 12236–62–3 | Butanamide, 2-((4-chloro-2-nitrophenyl)azo)-N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo- |
| 68134–22–5 | Butanamide, -(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo-2-((2-(trifluoromethyl)phenyl)azo)- |
| Structual Class—2-Halo-4-(phenylazo)-6- [((((sulfonaphthyl)azo)sulfophenyl)amino]-1,3,5-triazines | |
| 68110–31–6 | 2,7-Naphthalenedisulfonic acid, 4-amino-3,6-bis((4-((4-chloro-6-((3-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-2-sulfophenyl)azo)-5-hydroxy-, hexasodium salt |
| 68133–24–4 | 2,7-Naphthalenedisulfonic acid, 4-amino-3,6-bis[[5-[[4-chloro-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl] amino]-2-sulfophenyl]azo]-5-hydroxy-, hexasodium salt |
| 70528–89–1 | 2,7-Naphthalenedisulfonic acid, 4-amino-6-((5-((4-((3-chlorophenyl)amino)-6-fluoro-1,3,5-triazin-2-yl)amino)-2-sulfophenyl)azo)-5-hydroxy-3-((4-sulfophenyl)azo)-, tetrasodium salt |
| Structual Class—3-[[4-[(6-Nitro-2-benzothiazolyl)azo]phenyl]amino] propanenitriles | |
| 13486–43–6 | Ethanol, 2-ethyl-4-(6-methoxy-2-benzothiazolyl)azo phenyl amino- |
| 16586–42–8 | Propanenitrile, 3-ethyl-3-methyl-4-(6-nitro-2-benzothiazolyl)azo phenyl amino- |
| 16588–67–3 | Propionitrile, 3-N-ethyl-4-6-(methylsulfonyl)-2-benzothiazolyl azo-,m-toluidino- |
| 25510–81–0 | Propanenitrile,3-(ethyl(4-((6-nitro-2-benzothiazolyl)azo)phenyl)amino)- |
| 41362–82–7 | Propanenitrile, 3-4-(5,6-dichloro-2-benzothiazolyl)azo phenyl methylamino- |
| Structual Class—3-[[4-[(Phenyl)azo]-1-naphthalenyl]azo]benzenesulfonic acids, sodium salts | |
| 67875–21–2 | Benzenesulfonic acid, 3-[[4-[(2-hydroxy-5-methylphenyl)azo]-1-naphthalenyl]azo]-, monosodium salt |
| 68959–00–2 | Benzenesulfonic acid, 3-((4-((2-ethoxy-5-methylphenyl)azo)-1-naphthalenyl)azo)-, sodium salt |
| Structual Class—3-[[Phenyl]azo]-N-(phenyl)benzenecarboxamides | |
| 12236–64–5 | 2-Naphthalenecarboxamide, -(4-(acetylamino)phenyl)-4-((5-(aminocarbonyl)- 2-chlorophenyl)azo)-3-hydroxy- |
| 36968–27–1 | 2-Naphthalenecarboxamide, 4-[[4-(aminocarbonyl) pohenyl]azo]-3-hydroxy-N-(2-methoxyphenyl)- |
| 19904–51–4 | 2-Naphthalenecarboxamide, 3-hydroxy-4-((2-methoxy-5-((phenylamino)carbonyl)phenyl)azo)- |
| Structual Class—4,4'-bis(Arylazo)stilbene-2,2'-disulfonic acid salts | |
| 2870–32–8 | 2,2'-(1,2-Ethenediyl)bis(5-((4-ethoxyphenyl)azo) benzenesulfonic acid), disodium salt |
| 53523–90–3 | Benzoic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis [6-hydroxy-5-methyl-, tetralithium salt |
| 75701–34–7 | 2-Naphthalenesulfonic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[6-amino- 4-hydroxy-, cmpd with 2,2',2''-nitrilotris (ethanol) (1:4) |
| Structual Class—4,4'-bis(Arylazo)stilbene-2,2'-disulfonic acids | |
| 91–34–9 | Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis 5-(4-hydroxyphenyl)azo- |
| Structual Class—4,4'-bis(Triazinylamino)stilbene-2,2'-disulfonic acid salts | |
| 37138–26–4 | Benzenesulfonic acid,2,2'-(1,2-ethenediyl)bis[5-[[4-chloro-6-[(4-sulfophenyl)amino]- 1,3,5-triazin-2-yl]amino]-, tetrasodium salt |
| 41098–56–0 | 1,4-Benzenedisulfonic acid,2,2'-(1,2-ethenediylbis((3-sulfo-4,1-phenylene)imino(6-(diethylamino)-1,3,5-triazine-4,2-diyl)imino))bis-, hexasodium salt |
| 17506–54–5 | Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis(5-((4-(bis(2-hydroxypropyl)amino)-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, dipotassium disodium salt |
| 68003–30–5 | Benzenesulfonic acid,2,2'-(1,2-ethenediyl)bis(5-((4-(2-hydroxypropoxy)-6-(phenylamino)-1,3,5-triazin-2-yl)amino)-, disodium salt |

TABLE 4.—TWO HUNDRED EIGHT NON-HPV DEBITS CHEMICALS WITH PREDICTED BCFS OF 3–13—Continued

| CAS No. | Chemical name |
|---|---|
| 68003–31–6 | Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[2-(2-hydroxyethoxy)ethoxy]-6-[phenylamino]-1,3,5-triazin-2-yl]amino]-, disodium salt |
| 68025–20–7 | Benzenesulfonic acid,5-((4-(2-(2-hydroxyethoxy)ethoxy)- 6-(phenylamino)-1,3,5-triazin-2-yl)amino)-2-(2-(4-((4-(2-hydroxypropoxy)-6-(phenylamino)-1,3,5-triazin-2-yl)amino)-2-sulfophenyl)ethenyl)-, disodium salt |
| 68155–68–0 | Benzenesulfonic acid,2,2'-(1,2-ethenediyl)bis(5-((4-chloro-6-((4-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-, dipotassium disodium salt |
| 85187–74–2 | Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis(5-((4-(methylamino)-6- (phenylamino)-1,3,5-triazin-2-yl)amino)-, sodium salt |
| Structual Class—4-Amino-4'-nitroazobenzenes | |
| 101–52–0 | 2-Methoxy-4-[(4-nitrophenyl)azo]benzenamine |
| 1533–76–2 | Propanamide, -(5-(bis(2-(acetyloxy)ethyl)amino)-2-((4-nitrophenyl)azo)phenyl)- |
| 1533–77–3 | Acetanilide, 5'-(bis(2-hydroxyethyl)amino)-2'-((2-methoxy-4-nitrophenyl)azo)-, diacetate (ester) |
| 1533–78–4 | Acetamide, -(5-(bis(2-(acetyloxy)ethyl)amino)-2-((2-chloro-4-nitrophenyl)azo)phenyl)- |
| 2872–52–8 | 2-(Ethyl(4-((4-nitrophenyl)azo)phenyl)amino)ethanol |
| 3025–41–0 | Ethanol, 2,2'-4-(2-chloro-4-nitrophenyl)azo phenyl imino bis- |
| 3179–89–3 | Ethanol, 2,2'-3-methyl-4-(4-nitrophenyl)azo phenyl imino bis- |
| 3180–81–2 | Ethanol, 2-,4-(2-chloro-4-nitrophenyl)azo phenyl ethylamino- |
| 3618–73–3 | Acetamide, -(5-(bis(2-(acetyloxy)ethyl)amino)-2-((2-chloro-4,6-dinitrophenyl)azo)-4-methoxyphenyl)- |
| 4058–30–4 | Propanenitrile,3,3'-((4-((2-chloro-4-nitrophenyl)azo)phenyl)imino)bis- |
| 5261–31–4 | Propanenitrile, 3-((2-(acetyloxy)ethyl)(4-((2,6-dichloro-4-nitrophenyl)azo)phenyl)amino)- |
| 6021–61–0 | Propionitrile, 3-[p-[(2-chloro-4-nitrophenyl)azo]-N-(2-hydroxyethyl)anilino]-, |
| 6657–32–5 | Propionitrile, 3-[N-(2-hydroxyethyl)-p-[(p-nitrophenyl)azo]anilino]- |
| 13301–61–6 | Propionitrile, 3-[p-[(2,6-dichloro-4-nitrophenyl)azo]-N-ethylanilino]- |
| 16586–43–9 | Propanenitrile, 3-[[4-[(2-chloro-4-nitrophenyl)azo]-3-methylphenyl]ethylamino]- |
| 5474–89–3 | Benzonitrile, 2-[[p-[(2-cyanoethyl)ethylamino]phenyl]azo]-5-nitro- |
| 17464–91–4 | Ethanol,2,2'-((4-((2-bromo-6-chloro-4-nitrophenyl)azo)-3-chlorophenyl)imino)bis- |
| 17741–62–7 | Thiomorpholine, 4-p-(2,6-dichloro-4-nitrophenyl)azo phenyl-,1,1-dioxide |
| 22578–86–5 | Acetamide, N-(2-((2-bromo-4,6-dinitrophenyl)azo)-5-((2-cyanoethyl)ethylamino)-4-methoxyphenyl)- |
| 23355–64–8 | Ethanol, 2,2'-[[3-chloro-4-[(2,6-dichloro-4-nitrophenyl)azo]phenyl]imino]di- |
| 24170–60–3 | Acetamide, N-2-(2-cyano-4,6-dinitrophenyl)azo-5-(diethylamino)phenyl- |
| 29426–52–6 | Ethanol, 2,2'-3-methyl-4-2-(methylsulfonyl)-4-nitrophenyl azo phenyl imino bis-, diacetate ester |
| 29649–47–6 | Acetamide,-(2-((2-chloro-4-nitrophenyl)azo)-5-((2-(2,5-dioxo-1-pyrrolidinyl)ethyl)ethylamino)phenyl)- |
| 10177–47–6 | Benzamide, N-5-bis 2-(acetyloxy)ethyl amino-2-(4-nitrophenyl)azo phenyl- |
| 30124–94–8 | Benzonitrile, 2-4-bis 2-(acetyloxy)ethyl amino phenyl azo-5-nitro- |
| 31464–38–7 | Propanenitrile, 3-methyl-4-(4-nitrophenyl)azo phenyl amino- |
| 31482–56–1 | Propanenitrile, 3-ethyl-4-(4-nitrophenyl)azo phenyl amino- |
| 40690–89–9 | Propanenitrile, 3-[[2-(benzoyloxy)ethyl][4-[(4-nitrophenyl)azo]phenyl]amino]- |
| 40880–51–1 | Propanenitrile, 3-4-(2-chloro-4-nitrophenyl)azo phenyl ethylamino- |
| 41642–51–7 | Acetamide, -2-(2,6-dicyano-4-nitrophenyl)azo-5-(diethylamino)phenyl- |

TABLE 4.—TWO HUNDRED EIGHT NON-HPV DEBITS CHEMICALS WITH PREDICTED BCFS OF 3–13—Continued

| CAS No. | Chemical name |
|---|---|
| 43047–20–7 | Ethanol, 2,2-chloro-4-(4-nitrophenyl)azo phenyl amino- |
| 52697–38–8 | Acetamide, -[2-[(2-bromo-4,6-dinitrophenyl)azo]-5-(diethylamino)phenyl]- |
| 53950–33–7 | Acetamide, -(2-((2-bromo-4,6-dinitrophenyl)azo)-5-((2-cyanoethyl)amino)-4-methoxyphenyl)- |
| 56548–64–2 | Acetamide, -[2-[(2-bromo-4,6-dinitrophenyl)azo]-5-(diethylamino)-4-methoxyphenyl)- |
| 61355–92–8 | .beta.-Alanine, - 3-(acetylamino)-4- (4-nitrophenyl)azo phenyl -N-(3-methoxy-3-oxopropyl)-, methyl ester |
| 22487049 | Ethanol, 2,2'-4-(2,6-dichloro-4-nitrophenyl) azo phenyl imino bis- |
| 65916–12–3 | Acetamide, -(2-((2,6-dicyano-4-nitrophenyl)azo)-5-((2-(2-ethoxyethoxy)ethyl)ethylamino)phenyl)- |
| 66214–54–8 | Ethanol, 2,2'-4-(4-nitrophenyl)azo phenyl imino bis-, diacetate (ester) |
| 66882–16–4 | Benzonitrile, 2-[[4-[bis[2-(acetyloxy)ethyl]amino]-2-methylphenyl]azo]-5-nitro- |
| 67674–22–0 | Acetamide, -2-(2-bromo-4,6-dinitrophenyl)azo-5-(ethylamino)-4-methoxyphenyl- |
| 67846–62–2 | Propanamide, -(2-((2-chloro-4,6-dinitrophenyl)azo)-5-(ethylamino)-4-(2-methoxyethoxy)phenyl)- |
| 67874–57–1 | Propanenitrile, 3-2-chloro-4-(2,6-dichloro-4-nitrophenyl)azo phenyl amino- |
| 67923–43–7 | Propanenitrile, 3,3'- 4- (2,6-dichloro-4-nitrophenyl) azo phenyl imino bis- |
| 68391–42–4 | Propanenitrile, 3-[[2-(acetyloxy)ethyl][4-[(4-nitrophenyl)azo]phenyl]amino]- |
| 68391–47–9 | Acetamide, N-5-bis-2-(acetyloxy)ethyl amino-2-(2,4-dinitrophenyl)azo phenyl- |
| 68957–67–5 | Acetamide, N-(2-((2-chloro-4,6-dinitrophenyl)azo)-5-(ethylamino)-4-(2-methoxyethoxy)phenyl)- |
| 70210–10–5 | Propanenitrile, 3-((2-(2-cyanoethoxy)ethyl)(4-((4-nitrophenyl)azo)phenyl)amino)- |
| 71617–28–2 | Acetamide,N-(4-chloro-2-((2-chloro-4-nitrophenyl)azo)-5-((2-hydroxypropyl)amino)phenyl)- |
| 72968–78–6 | 2,4,10-Trioxa-7-azaundecan-11-oic acid, 7-(4-((2-cyano-4-nitrophenyl)azo)-3-methylphenyl)-3-oxo-, methyl ester |
| 75150–11–7 | Acetamide, -(2-((2-chloro-4-nitrophenyl)azo)-5-((2-cyanoethyl)-2-propenylamino) phenyl)- |
| Structual Class—5-(Phenylazo)-8-(phenylamino)-1- naphthalenesulfonic acid salts | |
| 67875–18–7 | 1-Naphthalenesulfonic acid, 5-((2-chloro-4-nitrophenyl)azo)-8-phenylamino-, sodium salt |
| 67875–11–0 | 1-Naphthalenesulfonic acid, 5-[(3-chlorophenyl)azo]-8-(phenylamino)-, monosodium |
| Structual Class—5,8-bis(phenylazo)-2-sulfonaphthalenes | |
| 67875–14–3 | 2-Naphthalenesulfonic acid, 5-((4-(bis(2-hydroxyethyl)amino)phenyl)azo)-8-((2-methylphenyl)azo)-, monosodium salt |
| 68039–07–6 | 2-Naphthalenesulfonic acid, 5(or 8)-((4-hydroxy-2-methylphenyl)azo)-8(or 5)-(phenylazo)-, monosodium salt |
| 68039–08–7 | 2-Naphthalenesulfonic acid, 5(or 8)-((4-ethoxy-2-methylphenyl)azo)-8(or 5)-(phenylazo)-, sodium salt |
| Structual Class—5,8-bis[(naphthyl or phenyl)azo]-2-sulfonaphthalenes | |
| 4399–55–7 | 1,5-Naphthalenedisulfonic acid, 3-((4-((4-((6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo)-6-sulfo-1-naphthalenyl)azo)-1-naphthalenyl)azo)-, tetrasodium salt |
| 68227–72–5 | 1-Naphthalenesulfonic acid, 8-(phenylamino)-5-((4-(phenylazo)-6-sulfo-1-naphthalenyl)azo)-, disodium salt |
| 70210–31–0 | 2-Naphthalenesulfonic acid,8-((4-((4-amino-3-sulfophenyl) azo)-6-sulfo-1-naphthalenyl)azo)-5-((6-(benzoylamino)-1-hydroxy-3-sulfo-2-naphthalenyl)azo)-, tetrasodium salt |
| Structual Class—5-[[4-[(3-Sulfophenyl)azo]-1-naphthalenyl]azo] naphthalene sulfonic acid salts | |
| 530–08–7 | 1-Naphthalenesulfonic acid, 8-(phenylamino)-5-((4-((3-sulfophenyl)azo)-1-naphthalenyl)azo)-, disodium salt |
| 1593–37–1 | 2-Naphthalenesulfonic acid, 6-hydroxy-5-((4-((4-(phenylamino)-3-sulfophenyl)azo)-1- naphthalenyl)azo)-,disodium salt |

TABLE 4.—TWO HUNDRED EIGHT NON-HPV DEBITS CHEMICALS WITH PREDICTED BCFS OF 3–13—Continued

| CAS No. | Chemical name |
|---|---|
| Structual Class—5-Azo-2,6-dialkylamino-4-methyl-3-pyridinecarbonitriles | |
| 63833–78–3 | 3-Pyridinecarbonitrile, 5- (2-cyano-4-nitrophenyl)azo -6- (2-hydroxyethyl)amino |
| 72968–71–9 | 2-Thiophenecarboxylic acid, 4-cyano-5-((5-cyano-2,6-bis((3-methoxypropyl)amino)-4-methyl-3-pyridinyl)azo)-3-methyl-, methyl ester |
| Structual Class—Azobis(4,1-phenyleneazo)bis(naphthalenesulfonates) | |
| 52469–75–7 | Trisodium 5-amino-3-((4-((4-((7-amino-1-hydroxy-3-sulphonato-2-naphthyl)azo)phenyl)azo)phenyl)azo)-4-hydroxynaphthalene-2,7-disulphonate |
| 72017–89–1 | 2,7-Naphthalenedisulfonic acid, 3,3'-(azobis(4,1-phenyleneazo))bis(5-amino-4-hydroxy-, tetrasodium salt |
| 72017–91–5 | 2,7-Naphthalenedisulfonic acid, 5-amino-3-((4-((4-((8-amino-1-hydroxy-3,6-disulfo-2-naphthalenyl)azo)-3-methoxyphenyl)azo)phenyl)azo)-4-hydroxy-, tetrasodium salt |
| 75173–68–1 | Copper, (mu-((3,3'-(azoxybis((2-hydroxy-4,1-phenylene)azo))bis(4-hydroxy-2,7- naphthalenesulfonato))(8-)))di-, tetrasodium |
| 93941–06–1 | 2,7-Naphthalenedisulfonic acid, 3,3'-(azoxybis((2-methoxy-4,1-phenylene)azo))bis(4,5-dihydroxy- |
| 99869–36–0 | 2,7-Naphthalenedisulfonic acid, 3,3'-(azoxybis((2-methoxy-4,1-phenylene)azo))bis(4,5-dihydroxy-, lithium salt |
| 99869–37–1 | 2,7-Naphthalenedisulfonic acid, 3,3'-(azoxybis((2-methoxy-4,1-phenylene)azo))bis(4,5-dihydroxy-, sodium salt |
| 124605–82–9 | 2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4-[[4-[(8-amino-1-hydroxy-3,6-disulfo-2-naphthalenyl)azo]-2-methylphenyl]azo]-4-hydroxy-, lithium sodium salt |
| Structual Class—Biphenylbis(azonaphthalenesulfonates) | |
| 4198–19–0 | 2,7-Naphthalenedisulfonic acid, 3,3'-((3,3'-dimethoxy(1,1'-biphenyl)-4,4'-diyl)bis(azo))bis(4,5-dihydroxy-, tetrasodium salt |
| 3770–03–3 | Cuprate(4-), (mu-((4,4'-((3,3'-di(hydroxy-kappaO)(1,1'-biphenyl)-4,4'-diyl)bis(azo-kappaN1))bis(3-(hydroxy-kappaO)-2,7-naphthalenedisulfonato))(8-)))di-, tetrasodium |
| 28407–37–6 | 2,7-Naphthalenedisulfonic acid, 3,3'((3,3'-dihydroxy(1,1'-biphenyl)-4,4'-diyl)bis(azo)bis(5-amino-4-hydroxy-, sodium salt, copper complex |
| 66418–17–5 | Cuprate(3-), [.mu.-[4-[[4'-[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-3,3'- dihydroxy(1,1'-biphenyl)-4-yl)azo]-3-hydroxy-2,7-naphthalene disulfonato(7-)]]di-, trisodium |
| 67952–80–1 | Cuprate(4-), (mu-(5-(acetylamino)-3-((4'-((8-amino-1-hydroxy-3,6-disulfo-2-naphthalenyl)azo)-3,3'-dihydroxy(1,1'-biphenyl)-4-yl)azo)-4-hydroxy-2,7-naphthalenedisulfonato(8-)))di-, tetrasodium |
| 68133–82–4 | Chromate(2-), bis(2-((6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo)benzoato(3-))-, dihydrogen |
| 68259–04–1 | Acetic acid, 2,2'-((4,4'-bis((6-((1-hydroxy-4-(((2-methoxyethoxy)carbaryl)amino)phenyl)amino)-3-sulfo-2-naphthalenyl)azo(1,1'-biphenyl)-3,3'-diyl)bis(oxy))bis-, disodium salt |
| 71550–22–6 | 2,7-Naphthalenedisulfonic acid, 3,3'-((3,3'-dimethoxy(1,1'-biphenyl)-4,4'-diyl)bis(azo))bis(5-amino-4-hydroxy-, tetralithium salt |
| 71873–63–7 | Cuprate(4-), [.mu.-[7-[[3,3'-dihydroxy-4'-[(4-hydroxy-2-sulfobenzo[a]phenazin-3-yl)azo-kappaN1)(1,1'-biphenyl)-4-yl)azo-kappaN1)-8-(hydrozy-kappa0)-1,3,6-naphthalenetrisulfonato(8-)))di-, tetrasodium salt |
| Structual Class—Bis[1',2'-dihydro-6'-hydroxy-4'-methyl-2'-oxo-1,3'- bipyridiniums] | |
| 71032–99–0 | 1,3'-Bipyridinium, 5',5'''-(1,2-ethanediylbis(4,1-phenyleneazo))bis(1',2'-dihydro-6'-hydroxy-4'-methyl-2'-oxo-, salt with 2-hydroxypropanoic acid (1:2) |
| 75214–63–0 | 1,3'-Bipyridinium, 5'-[[4-[[4-[(1',2'-dihydro-6'-hydroxy-3,4'-dimethyl-2'-oxo[1,3'-bipyridinium)-5'-yl)azo)benzoyl)amino)phenyl)azo)-1',3'-dihydro-6'-hydroxy-3,4'-dimethyl-2'-oxo-, salt with 2-hydroxypropanoic acid (1:2) |
| Structual Class—Bis[2-(phenylazo)-3-oxo-N-phenylbutanamides] | |
| 6505–28–8 | Butanamide, 2,2'-((3,3'-dimethoxy(1,1'-biphenyl)-4,4'-diyl)bis(azo))bis(3-oxo-N-phenyl- |
| 7147–42–4 | Butanamide, 2,2'-((3,3'-dimethoxy(1,1'-biphenyl)-4,4'-diyl)bis(azo))bis(N-(2-methylphenyl)-3-oxo- |

TABLE 4.—TWO HUNDRED EIGHT NON-HPV DEBITS CHEMICALS WITH PREDICTED BCFS OF 3–13—Continued

| CAS No. | Chemical name |
|---|---|
| 68155–71–5 | Benzamide, 4-((1-(((2-methoxyphenyl)amino)carbonyl)-2-oxopropyl)azo)-N-(4-((1-(((2-methoxyphenyl)amino)carbonyl)-2-oxopropyl)azo)phenyl)- |
| 68516–73–4 | 1,4-Benzenedicarboxylic acid, 2,2'-[1,4-phenylenebis[imino(1-acetyl-2-oxo-2,1-ethanediyl)azo))bis-, tetramethyl ester |
| 77804–81–0 | Butanamide, 2,2'-(1,2-ethanediylbis(oxy-2,1-phenyleneazo)) bis(N- (2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo- |
| Structual Class—Diaminoanthraquinones | |
| 4403–90–1 | m-Toluenesulfonic acid, 6,6'-(1,4-anthraquinonylenediimino) di-, disodium salt |
| 67827–60–5 | 2-Anthracenesulfonic acid, 1-amino-4-((3-((benzoylamino)methyl)-2,4,6-trimethylphenyl)amino)-9,10-dihydro-9,10-dioxo-, monosodium salt |
| 67969–88–4 | 2-Anthracenesulfonic acid, 1-amino-4-((4-(((4-methylphenyl)sulfonyl]oxy]phenyl)amino)-9,10-dihydro-9,10-dioxo-, monosodium salt |
| 67970–27–8 | Benzenesulfonic acid, 2,2'-((9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino) bis(5-methyl-, diammonium salt |
| 72391–24–3 | Benzenesulfonic acid, [[(chloroacetyl)amino]methyl][4-[[4-(cyclohexylamino)-9,10-dioxo-1-anthracenyl)amino)phenoxy)methyl-, monosodium salt |
| Structual Class—N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-4- [[4-[(methylamino)sulfonyl]phenyl]azo]-3-hydroxy-2- naphthalenecarboxamides | |
| 3771–33–9 | 2-Naphthalenecarboxamide, -(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-4-((2,5-dimethoxy-4-((methylamino)sulfonyl)phenyl)azo)-3-hydroxy- |
| Structual Class— -(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-4- [[4-[(methylamino)sulfonyl]phenyl]azo]-3-hydroxy-2- naphthalenecarboxamides | |
| 18269–75–6 | 2-Naphthalenecarboxamide,-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-hydroxy-4-((2-methoxy-5-methyl-4-((methylamino)sulfonyl)phenyl)azo)- |
| 61951–98–2 | N-(2,3-Dihydro-2-oxo-1H-benzimidazol-5-yl)-3-hydroxy-4-((5-methoxy-2-methyl-4-((methylamino)sulphonyl)phenyl)azo)naphthalene-2-carboxamide |
| Structual Class—N-(arylazo)phenyl (disulfonaphthyl)azobenzamides | |
| 70900–28–6 | 2,7-Naphthalenedisulfonic acid, 4-amino-3-((4-(((4-((4-amino-2-hydroxyphenyl)azo) phenyl)amino)carbonyl)phenyl)azo)-5-hydroxy-6-((4-sulfophenyl)azo)-, trisodium salt |
| 72245–55–7 | 2,7-Naphthalenedisulfonic acid, 4-amino-3-((4-(((4-((7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo)phenyl)amino)carbonyl)phenyl)azo)-5-hydroxy-6-(phenylazo)-, sodium salt |
| 72245–57–9 | 2,7-Naphthalenedisulfonic acid, 4-amino-3-((4-(((4-((2-amino-4-hydroxyphenyl)azo)phenyl)amino)carbonyl)phenyl)azo)-5-hydroxy-6-(phenylazo)-, sodium salt |
| Structual Class—N,N'-bis[(arylazo)sulfonaphthyl]urea salts | |
| 3441–14–3 | 2-Naphthalenesulfonic acid, 3-((4-(acetylamino)phenyl)azo)-4-hydroxy-7-((((5-hydroxy-6-(phenylazo)-7-sulfo-2-naphthalenyl)amino)carbonyl)amino)-, disodium salt |
| 3626–36–6 | 2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis(4-hydroxy-3-(phenylazo)-, disodium salt |
| 79255–95–1 | 2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis(4-hydroxy-3-((2-methyl-4-sulfophenyl)azo)-, sodium salt, compd. with 2,2',2''-nitrilotris(ethanol) |
| Structual Class—N-[2-[(2,6-dicyano-4-methylphenyl)azo]-5-(dialkylamino) phenyl]methanesulfonamides | |
| 68385–96–6 | Methanesulfonamide, -[2-[(2,6-dicyano-4-methylphenyl)azo]-5-(diethylamino)phenyl]- |
| 72968–82–2 | Methanesulfonamide, N-2-(2,6-dicyano-4-methylphenyl)azo-5-(dipropylamino)phenyl |
| Structual Class—N-[5-(amino)-2-[[5-(ethylthio)-1,3,4-thiadiazol-2-yl]azo]phenyl]acetamides | |
| 63134–15–6 | Acetamide, -5-(dipropylamino)-2-5-(ethylthio)-1,3,4-thiadiazol-2-ylazo phenyl- |
| 67338–62–9 | Acetamide, -(5-(ethyl(phenylmethyl)amino)-2-((5-(ethylthio)-1,3,4-thiadiazol-2-yl)azo)phenyl)- |

TABLE 4.—TWO HUNDRED EIGHT NON-HPV DEBITS CHEMICALS WITH PREDICTED BCFS OF 3–13—Continued

| CAS No. | Chemical name |
|---|---|
| Structual Class—Sulfonaphthyl-substituted 4,1-diazophenyl compounds | |
| 20025–74–5 | 1,3,5-Naphthalenetrisulfonic acid, 7-((4-((4-((2,5,6-trichloro-4-pyrimidinyl)amino)phenyl)azo)phenyl)azo)-, trisodium salt |
| 68460–07–1 | 2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4-[(2-amino-4-hydroxyphenyl)azo]phenyl]azo]-5-hydroxy- 6-(phenylazo)-, disodium salt |
| 124649–82–7 | 2-Naphthalenesulfonic acid, 4-hydroxy-3-[[2-methoxy-5-methyl-4-[(4-sulfophenyl)azo]phenyl]azo]-7-(phenylamino)-, cmpd. with [nitrilotris(2,1-ethanediyloxy)]tris[propanol] (1:2) |
| Structual Class—Sulfonaphthyl-substituted diphenylamine-4,4'-diazo-2-sulfonic acid salts | |
| 67969–92–0 | 2-Naphthalenesulfonic acid, 6-amino-3-[[4-[[4-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenenyl]azo]phenyl]amino]-3-sulfophenyl]azo]-4-hydroxy-, trisodium salt |
| Structual Class—Sulfonaphthyl-substituted diphenylamine-4,4'-diazo-2-sulfonic acids | |
| 72066–88–7 | 2,7-Naphthalenedisulfonic acid,4-amino-3-((4-((4-((2-amino-4-hydroxyphenyl)azo) phenyl)amino)-3-sulfophenyl)azo)-5-hydroxy-6-(phenylazo)- |
| Structual Class—Sulfonaphthyl-substituted N,N'-bis(azophenyl) urea salts | |
| 3214–47–9 | 1,5-Naphthalenedisulfonic acid,3,3'-(carbonylbis(imino(2-methyl-4,1-phenylene)azo))bis-, tetrasodium salt |
| 28706–21–0 | 1,3-Naphthalenedisulfonic acid, 7,7'-(iminobis(carbonyl(2-methyl-4,1-phenylene)azo))bis-, tetrasodium salt |
| 28706–22–1 | 1,5-Naphthalenedisulfonic acid, 3,3'-(carbonylbis(imino(3-methoxy-4,1-phenylene)azo))bis-, tetrasodium salt |
| 67969–87–3 | 1,3-Naphthalenedisulfonic acid, 7-((4-((((2-methoxy-4-((3-sulfophenyl)azo)phenyl)amino)carbonyl)amino)-2-methylphenyl)azo)-, trisodium salt |
| 71873–47–7 | Benzoic acid,3-((1-hydroxy-6-((((4-((8-hydroxy- 3,6- disulfo-1-naphthalenyl)azo)-2-methoxy-5-methylphenyl)amino) carbonyl) amino)-3-sulfo-2-naphthalenyl)azo)-4-methoxy-, tetrasodium salt |
| Structual Class—Tris(aminoaryl)methanamimnium compounds | |
| 2390–59–2 | Ethanaminium, -(4-(bis(4-(diethylamino)phenyl)methylene)-2,5-cyclohexadien-1-ylidene)-N-ethyl-, chloride |
| 2390–60–5 | Ethanaminium, -(4-((4-(diethylamino)phenyl)(4-(ethylamino)-1-naphthalenyl)methylene)-2,5-cyclohexadien-1-ylidene)-N-ethyl-, chloride |
| 2580–56–5 | 2-Methanaminium,N-(4-((4-(dimethylamino)phenyl)(4- (phenylamino)-1-naphthalenyl)methylene)-2,5-cyclohexadien-1-ylidene)-N-methyl-, chloride |
| 1064–48–8 | 2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3-((4-nitrophenyl)azo)-6-(phenylazo)-, disodium salt |
| 1580–44–1 | 2-Naphthalenesulfonic acid, 7-amino-4-hydroxy-3-((5-hydroxy-6-(phenylazo)-7-sulfo-2-naphthalenyl)azo)-, disodium salt |
| 6527–70–4 | 2,9-Triphenodioxazinedisulfonic acid, 6,13-dichloro-3,10-bis(phenylamino)-, disodium salt |
| 1789–01–9 | Cuprate(2-), (mu-((7,7'-iminobis(3-((5-(aminosulfonyl)-2-(hydroxy- kappaO)phenyl)azo-kappaN1)-4-(hydroxy-kappaO)-2- naphthalenesulfonato))(6-)))di-, disodium |
| 12239–34–8 | Acetamide, -(5-(bis(2-(acetyloxy)ethyl)amino)-2-((2-bromo-4,6-dinitrophenyl)azo)-4-ethoxyphenyl)- |
| 4232–06–2 | Benzenemethanamine, N-ethyl-N- 4-(1H-1,2,4-triazol-3-ylazo)phenyl - |
| 41680–76–6 | 1,4-Benzenedicarboxylic acid, 2,5-bis(4-chlorophenyl)amino- |
| 18386–01–7 | .beta.-Alanine, N-ethyl-N-[4-[(5-nitro-2,1-benzisothiazol-3-yl)azo]phenyl]-, methyl ester |
| 58104–55–5 | 2-Naphthalenesulfonamide, 6-hydroxy-N-(2-hydroxyethyl)-N-methyl-5-((4-(phenylazo)phenyl)azo)- |
| 64181–81–3 | 7-((4-Chloro-6-((3-sulfophenyl)amino)-1,3,5-triazin-2-yl)amino)-4-hydroxy-3-((4-methoxy-2-sulfophenyl)azo)-2-naphthalenesulfonic acid, trisodium salt |
| 67800–97–9 | Chromate(1-), bis(3-(4-((5-chloro-2-hydroxyphenyl)azo)-4,5-dihydro-3-methyl-5-oxo- 1H-pyrazol-1-yl)benzene sulfonamidato(2-)-, sodium |
| 67905–39–9 | Aluminum, tris(triacontyl)- |

TABLE 4.—TWO HUNDRED EIGHT NON-HPV DEBITS CHEMICALS WITH PREDICTED BCFS OF 3–13—Continued

| CAS No. | Chemical name |
|---|---|
| 67907–13–5 | Benzenesulfonic acid, 2-((4-((4-(((4-methylphenyl)sulfonyl)oxy)phenyl) azo)phenyl)amino)-5-nitro-, monosodium salt |
| 68958–98–5 | Benzenesulfonic acid, 3-((4-((4-hydroxyphenyl)azo)-1-naphthalenyl)azo)-, monosodium salt |
| 70209–93–7 | Benzoic acid, 2-((8-((4-chloro-6-((4-(6-methyl-7-sulfo-2-benzothiazolyl)phenyl)amino)-1,3,5-triazin-2-yl)amino)-1-hydroxy-3,6-disulfo-2-naphthalenyl)azo)-, tetrasodium salt |
| 70209–98–2 | Benzenesulfonic acid,2-((1-(2-chloro-6-methylphenyl)-4,5- dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl)azo)-4-((4-chloro-6-(phenylamino)-1,3,5-triazin-2-yl)amino)-, monosodium salt |
| 70528–90–4 | 3-Pyridinecarbonitrile, 5-((4-chloro-2-nitrophenyl)azo)-1-ethyl-1,2-dihydro-6-hydroxy-4-methyl-2-oxo- |
| 71735–65–4 | Tetrasodium(8-hydroxy-7-((2-hydroxy-7-sulpho-6-((4-((2,5,6-trichloro-4-pyrimidinyl)amino)phenyl)azo)-1-naphthyl)azo)naphthalene-1,3,6-trisulphonato(6-))cuprate(4-) |
| 72252–58–5 | Chromate(4-), (mu-(3-((2-(amino-kappaN)-5- (hydroxy-kappaO)- 6-((2-(hydroxy-kappaO)-5-nitro-3-sulfophenyl)azo-kappaN1)-7-sulfo-1-naphthalenyl)azo-kappaN1)-2-hydroxy-5-sulfobenzoato(8-)))di-, tetrasodium |
| 72828–69–4 | Benzenesulfonic acid, 2-((5-amino-3-methyl-1-(3-sulfophenyl)-1H-pyrazol-5-yl)azo)-, 1,1'-((1-methylethylidene)di-4,1-phenylene) ester, disodium salt |
| 73309–47–4 | 1-Naphthalenesulfonic acid, 4,4'-((4,6-dihydroxy-1,3-phenylene)bis(azo))bis-, disodium salt |
| 78181–99–4 | 1-Propanaminium, 3-((2-cyano-3-(4-(diethylamino) phenyl)-1-oxo-2-propenyl)oxy)-N-(2-((2-cyano-3-(4-(diethylamino) phenyl)-1-oxo-2-propenyl)oxy)ethyl)-N,N-dimethyl-, chloride |
| 85392–59–2 | Iron, [.mu.-[3-[[5-[[2,4-dihydroxy-5-[(2-hydroxy-3-nitro-5-sulfophenyl) azo]phenyl)phenyl)methyl-2,4-dihydroxyphenyl) azo)-2-hydroxy- 5-nitrobenzenesulfonato(6-)))di- |
| 112484–44–3 | 2,7-Naphthalenedisulfonic acid,4-amino-6-((4-(((4-((2,4-diaminophenyl)azo)phenyl) amino)sulfonyl) phenyl)azo)-5-hydroxy-3-((4-nitrophenyl)azo)-, potassium sodium salt |
| 130201–55–7 | Benzenesulfonic acid, 3,3'-[[6-(4-morpholinyl)-1,3,5-triazine-2,4-diyl]bis[imino[2-(acetylamino)-4,1-phenylene]azo]]bis-, disodium salt |

**IV. Revisions to the TSCA Section 4(e) Priority Testing List**

*A. Chemicals Added to the Priority Testing List*

1. *Benzene, 1,3,5-tribromo-2-(2-propenyloxy)-* —i. *Recommendation.* Benzene, 1,3,5-tribromo-2-(2-propenyloxy)- (CAS No. 3278–89–5) is recommended to obtain unpublished exposure, environmental fate, health effects, and ecological effects data.

ii. *Rationale for recommendation.* Benzene, 1,3,5-tribromo-2-(2-propenyloxy)- is predicted to persist and bioconcentrate. There are very few toxicity data. Depending on the exposure, environmental fate, health effects, and ecological effects data that are provided, the EPA may consider benzene, 1,3,5-tribromo-2-(2-propenyloxy)- for their PBT Initiative.

iii. *Supporting information.* Benzene, 1,3,5-tribromo-2-(2-propenyloxy)- is produced in excess of 500,000 pounds per annum and used as a flame retardant for expanded polystyrene insulation board. The predicted BCF of benzene, 1,3,5-tribromo-2-(2-propenyloxy)- is 4,019. The rat oral $LD_{50}$ was 5 grams/kilograms (g/kg) and it was not mutagenic in an Ames assay. A TOXLINE search identified one report that benzene, 1,3,5-tribromo-2-(2-propenyloxy)- was detected in sewer slime (Ref. 13).

iv. *Information needs.* The ITC needs exposure, environmental fate, health effects, and ecological effects data. Only studies where benzene, 1,3,5-tribromo-2-(2-propenyloxy)- is ≤ 90% of the test substance by weight should be submitted.

2. *1-Triazene, 1,3-diphenyl*—i. *Recommendation.* 1-Triazene, 1,3-diphenyl (diazoaminobenzene) (CAS No. 136–35–6) is being recommended to obtain annual production/importation volumes and trends, use, exposure, and health effects data.

ii. *Rationale for recommendation.* No occupational exposure limits have been established by the American Conference of Government Industrial Hygienists (ACGIH), the National Institute for Occupational Safety and Health (NIOSH), or the Occupational Safety and Health Administration (OSHA). Occupational exposures have not been characterized and there are no estimates of the number of workers exposed. The ITC needs occupational exposure data from the uses of diazoaminobenzene, e.g., to manufacture dyes and insecticides.

iii. *Supporting information.* A recent National Toxicology Program Report indicated that diazoaminobenzene is metabolized in rats and mice to the known carcinogens benzene and aniline (Ref. 12). Although not tested for carcinogenicity, diazoaminobenzene is a predicted carcinogen based on its metabolism and similarity in toxic effects to benzene and aniline. Diazoaminobenzene is used as an intermediate, complexing agent, and polymer additive. It is an impurity in certain color additives used in cosmetics, food products, and pharmaceuticals. It may also be used as a propellant for molding of rubbers and plastics and as a coupler to promote adhesion of natural rubber to steel tire cords. Since diazoaminobenzene has semiconducting properties it may have applications in the semi conductor industry.

Diazoaminobenzene may put workers at a heretofore unrecognized increased risk of cancer if they are exposed in the workplace. Importation, production, use, and exposure information will assist in determining if diazoaminobenzene may need further testing to adequately assess potential hazards associated with occupational exposures.

iv. *Information needs.*—a. Recent non-CBI estimates of annual production or importation volume data and trends.

b. Use information, including percentages of production or importation that are associated with different uses.

c. Estimates of the number of humans and concentrations of diazoaminobenzene compounds to which humans may be exposed from use, manufacturing, or processing.

d. Health effects data including pharmacokinetics, genotoxicity, subchronic

and chronic toxicity, reproductive, and developmental toxicity, and any human data from occupationally exposed workers. This information is needed in order to adequately access the extent and degree of exposure and potential hazard associated with diazoaminobenzene.

e. Only studies where diazoaminobenzene is ≥90% of the test substance by weight should be submitted.

*B. Chemicals Removed From the Priority Testing List*

1. *Acetone.* Acetone was designated in the ITC's 28th ITC Report for reproductive effects testing as a chemical with a low confidence reference dose or RfD (56 FR 41212, August 19, 1991) (FRL–3937–4). Acetone is being removed from the *Priority Testing List* because it was in the OECD SIDS program (see http://irptc.unep.ch/irptc/sids/sidspub.html volume 6) and because it is included in the EPA's VCCEP for reproductive effects and developmental toxicity testing (http://www.epa.gov/chemrtk/childhlt.htm). The EPA anticipates that under the VCCEP, tier 2 testing for prenatal developmental toxicity, reproductive and fertility effects testing will be conducted for acetone.

2. *Twenty alkylphenols and alkylphenol ethoxylates.* The ITC is continuing to review data on the alkylphenols and alkylphenol ethoxylates that were recommended in ITC's 37th ITC Report (61 FR 4188, February 2, 1996) (FRL–4991–6), 39th ITC Report (62 FR 8578, February 25, 1997) (FRL–5580–9), and 41st ITC Report (63 FR 17658 , April 9, 1998) (FRL–5773–5). At this time, the ITC is removing from the *Priority Testing List*, 9 alkylphenols and alkylphenol ethoxylates from the 37th ITC Report, 7 nonylphenol ethoxylates from the 39th ITC Report, and 4 alkylphenols and alkylphenol ethoxylates from the 41st ITC Report (see Table 5 of this appendix). The rationales for removing these alkylphenols and alkylphenol ethoxylates are provided as footnotes to Table 5 of this appendix.

TABLE 5.—ALKYLPHENOLS AND ALKYLPHENOL ETHOXYLATES BEING REMOVED FROM THE PRIORITY TESTING LIST

| Report | CAS No. | Chemical name | Rationale |
|---|---|---|---|
| 37 | 99–71–8 | 4-sec-Butylphenol | 1 |
| 37 | 104–40–5 | 4-Nonylphenol | 2 |
| 37 | 1638–22–8 | 4-n-Butylphenol | 2 |
| 37 | 9002–93–1 | Polyethylene glycol 4-(tert-octyl)phenyl ether | 2 |
| 37 | 9036–19–5 | Polyethylene glycol mono(octyl)phenyl ether | 3 |
| 37 | 14938–35–3 | 4-Pentylphenol | 2 |
| 37 | 27193–28–8 | (1,1,3,3-Tetramethylbutyl)phenol (mixed isomers) | 3 |
| 37 | 27193–86–8 | Dodecylphenol (mixed isomers) | 4 |
| 37 | 68987–90–6 | Poly(oxy-1,2-ethanediyl), .alpha.-(octylphenyl)-.omega.-hydroxy-, branched | 3 |
| 39 | 20427–84–3 | 2-[2-(4-Nonylphenoxy)ethoxy]ethanol | 2 |
| 39 | 37205–87–1 | Poly(oxy-1,2-ethanediyl), .alpha.-(isononylphenyl)-.omega.-hydroxy- | 2 |
| 39 | 68412–54–4 | Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, branched | 2 |
| 39 | 98113–10–1 | NP 9 | 2 |
| 39 | 127087–87–0 | Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched | 2 |
| 39 | 9016–45–9 | Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- | 5 |
| 39 | 26027–38–3 | Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy- | 5 |
| 41 | 74499–35–7 | Phenol, (tetrapropenyl) derivs. | 4 |
| 41 | 68908–55–4 | Phenol, polybutene derivs. | 2 |
| 41 | 112375–88–9 | Phenol, polyisobutylene derivs. | 2 |
| 41 | 9014–92–0 | Poly(oxy-1,2-ethanediyl), α-(dodecylphenyl)-ω-hydroxy- | 2 |

*Removal rationales*:

1. Data developed from testing 4-tert-butylphenol (CAS No. 98–54–4) in response to the HPV Challenge program may be used to predict toxicity.

2. No domestic production or importation volumes were reported to the EPA in response to 1986, 1990, 1994, and 1998 IURs or no domestic production or importation volumes were reported to the EPA in response to the July 5, 2000 PAIR rule (65 FR 41371) (FRL–6589–1).

3. Data developed from testing phenol, 4-(1,1,3,3-tetramethylbutyl)- (CAS No. 140–66–9) in response to the HPV Challenge program may be used to predict toxicity.

4. Data developed from testing p-dodecylphenol (CAS No. 210555–94–5) in response to the HPV Challenge program may be used to predict toxicity.

5. Data developed from testing branched nonylphenol (CAS No.84852–15–3) in response to the HPV Challenge program may be used to predict toxicity.

There are 10 alkylphenols and alkylphenol ethoxylates remaining on the *Priority Testing List* (see Table 6 of this appendix).

TABLE 6.—ALKYLPHENOLS AND ALKYLPHENOL ETHOXYLATES REMAINING ON THE PRIORITY TESTING LIST

| Report | CAS No. | Chemical name |
|---|---|---|
| 37 | 80–46–6 | 4-tert-Pentylphenol |
| 37 | 88–18–6 | 2-tert-Butylphenol |
| 37 | 98–54–4 | 4-tert-Butylphenol |
| 37 | 1806–26–4 | 4-Octylphenol |
| 37 | 25154–52–3 | Nonylphenol (mixed isomers) |
| 37 | 84852–15–3 | Branched nonylphenol (mixed isomers) |
| 39 | 27986–36–3 | 2-(Nonylphenoxyl)ethanol |
| 41 | 1987–50–4 | Phenol, 4-heptyl- |
| 41 | 72624–02–3 | Phenol, heptyl derivs. |
| 41 | 140–66–9 | Phenol, 4-(1,1,3,3-tetramethylbutyl)- |

3. *Three DEBITS chemicals from the 46th ITC Report*. In its 46th ITC Report, the ITC discussed 2 groups of DEBITS chemicals, polychlorophenols and polychlorobenzenethiols and chlorotrifluoromethylphenoxy benzenes (65 FR 75552, December 1, 2000) (FRL–6594–7). Two of the polychlorophenols and polychlorobenzenethiols (pentachlorothiophenol, CAS No. 133–49–3 and tetrachloropyrocatechol, CAS No. 1198–55–6) and two of the chlorotrifluoromethylphenoxy benzenes (p-toluidine, 5-chloro-.alpha.,.alpha.,.alpha.-trifluoro-2-nitro-N-phenyl, CAS No. 1806–24–2 and benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, 2-ethoxy-1-methyl-2-oxo, CAS No. 88185–22–2) were subsequently added to the *Priority Testing List* in the ITC's 47th ITC Report. All 4 of these chemicals were added to the July 26, 2001 PAIR rule (66 FR 38955) (FRL–6783–6). All of these chemicals, except pentachlorothiophenol, are being removed from the *Priority Testing List* because no production or importation data were submitted to the EPA in response to the 1998 IUR (10,000 pound reporting threshold) or the July 26, 2001 PAIR rule (1,000 pound reporting threshold).

4. *Three DEBITS chemicals from the 47th ITC Report*. In its 47th ITC Report, the ITC added 3 chloroalkenes to the *Priority Testing List*: 1,3-butadiene, 1,1,2,3,4-pentachloro-4-(1-methylethoxy)- (CAS No. 68334–67–8); 3-butenoic acid, 2,2,3,4,4-pentachloro-butyl ester (CAS No. 75147–20–9); and 3-butenoic acid, 2,2,3,4,4-pentachloro- (CAS No. 85743–61–9). The ITC is removing these 3 chloroalkenes from the *Priority Testing List* because no production or importation data were submitted to the EPA in response to the 1998 IUR.

5. *Nine DEBITS chemicals from the 48th ITC Report*. In its 48th ITC Report, the ITC added 5 chlorinated trihalomethyl pyridines, 2 trihaloethylidene bisbenzenes, 4 trichlorophenyldihydropyrazols and 3-chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl) -benzeneamine to the *Priority Testing List*. The ITC is removing the 5 chlorinated trihalomethyl pyridines, 1 of the trihaloethylidene bisbenzenes (benzene, 1,1'-(2,2,2-trichloroethylidene)bis-), and 3 of the trichlorophenyldihydropyrazols (benzamide, 3-amino-N-[4,5-dihydro-5-oxo-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl; 3H-pyrazol-3-one, 5-((5-amino-2-chlorophenyl)amino) -2,4-dihydro-2-(2,4,6-trichlorophenyl)-; and benzamide, N-(4,5-dihydro-5-oxo-1- (2,4,6-trichlorophenyl)-1H-pyrazol-3-yl)-3-nitro-) from the *Priority Testing List* because no production or importation data were submitted to the EPA in response to the 1998 IUR or because the predicted BCFs were judged to be too low to warrant priority consideration at this time.

**V. References**

1. ITC. 1977. Initial Report of the TSCA Interagency Testing Committee (October 1, 1977) to the Administrator; Receipt of Report and Request for Comments Regarding the *Priority Testing List* of Chemicals. **Federal Register** (42 FR 55026–55080, October 12, 1977).

2. ITC. 1978a. Second Report of the TSCA Interagency Testing Committee (April 10, 1978) to the Administrator; Receipt of Report and Request for Comments Regarding the *Priority Testing List* of Chemicals. **Federal Register** (43 FR 16684–16688, April 19, 1978).

3. ITC. 1978b. Third Report of the TSCA Interagency Testing Committee (October 2, 1978) to the Administrator; Receipt of Report and Request for Comments Regarding the *Priority Testing List* of Chemicals. **Federal Register** (43 FR 50630–50635, October 10, 1978).

4. ITC. 1979. Fifth Report of the TSCA Interagency Testing Committee (November 8, 1979) to the Administrator; Receipt of Report and Request for Comments Regarding the *Priority Testing List* of Chemicals. **Federal Register** (44 FR 70664–70674, December 7, 1979).

5. ITC. 1980a. Sixth Report of the TSCA Interagency Testing Committee (April 9, 1980) to the Administrator; Receipt of Report and Request for Comments Regarding the *Priority Testing List* of Chemicals. **Federal Register** (45 FR 35897–35910, May 28, 1980).

6. ITC. 1980b. Seventh Report of the TSCA Interagency Testing Committee (October 24, 1980) to the Administrator; Receipt of Report and Request for Comments Regarding the *Priority Testing List* of Chemicals. **Federal Register** (45 FR 78432–78446, November 25, 1980).

7. ITC. 1982. Eleventh Report of the TSCA Interagency Testing Committee (November 3, 1982) to the Administrator; Receipt of Report and Request for Comments Regarding *Priority Testing List* of Chemicals. **Federal Register** (47 FR 54625–54644, December 3, 1982).

8. ITC. 1984. Fourteenth Report of the TSCA Interagency Testing Committee (May 8, 1984) to the Administrator; Receipt of Report and Request for Comments Regarding *Priority Testing List* of Chemicals. **Federal Register** (49 FR 22389–22407, May 29, 1984).

9. ITC. 1985. Sixteenth Report of the TSCA Interagency Testing committee (May 2, 1985) to the Administrator; Receipt of Report and Request for Comments Regarding *Priority Testing List* of Chemicals. **Federal Register** (50 FR 20930–20939, May 21, 1985).

10. ITC. 1986. Nineteenth Report of the TSCA Interagency Testing Committee (October 31, 1986) to the Administrator; Receipt of Report and Request for Comments Regarding *Priority Testing List* of Chemicals. **Federal Register** (51 FR 41417–41432, November 14, 1986).

11. ITC. 1989. Twenty-fifth Report of the TSCA Interagency Testing Committee (November 1, 1989) to the Administrator; Receipt of Report and Request for Comments Regarding *Priority Testing List* of Chemicals. **Federal Register** (54 FR 51114–51130, December 12, 1989).

12. National Toxicology Program (NTP). 2002. Toxicity Report Series Number 73. NTP report on the metabolism, toxicity, and predicted carcinogenicity of diazoaminobenzene (CAS No. 136–35–6), U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health. NIH Publication No. 01–4412. Draft abstract available online at:http:/

/ntp-server.niehs.nih.gov/htdocs/ST-studies/tox073.html

13. Sauer J., Antusch E., and Ripp C. 1997. Monitoring of organic pollutants in sewer systems by sewer slime analysis. pp. 49–69. In Haberer K (ed.) *Water*. VCH Publishers, Inc., New York, NY. ISBN 3–527–28820–1.

14. Walker JD. 1993. The TSCA Interagency Testing Committee, 1977 to 1992: Creation, structure, functions and contributions. pp. 451–509. In J.W. Gorsuch, F.J. Dwyer, C.G. Ingersoll and T.W. La Pointe (eds.), *Environmental Toxicology and Risk Assessment*: Second Volume, ASTM STP 1216. ASTM, Philadelphia, PA.

## VI. TSCA Interagency Testing Committee

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[FR Doc. 02–19230 Filed 7–29–02; 8:45 am]

BILLING CODE 6560–50–S