

Current List of Chemical Substances Subject to TSCA Section 12(b) Export Notification Requirements

(Current as of October 24, 2008)

All of the chemical substances appearing on this list are subject to the Toxic Substances Control Act (TSCA) section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D. The chemicals in the following tables are listed in one of four ways: by Chemical Abstracts Service (CAS) Registry Number; by Premanufacture Notification (PMN) number; by Low Volume Exemption (LVE) number; or by Accession Number.

TSCA Regulatory Actions Triggering Section 12(b) Export Notification

TSCA section 12(b) requires any person who exports or intends to export a chemical substance or mixture to notify the Environmental Protection Agency (EPA) of such exportation if any of the following actions have been taken under TSCA with respect to that chemical substance or mixture:

- (1) data are required under section 4 or 5(b),
- (2) an order has been issued under section 5,
- (3) a rule has been proposed or promulgated under section 5 or 6, or
- (4) an action is pending, or relief has been granted under section 5 or 7.

Other Section 12(b) Export Notification Considerations

The following additional provisions are included in the Agency's regulations implementing section 12(b) of TSCA (i.e. 40 CFR part 707, subpart D):

- (a) No notice of export will be required for articles, except PCB articles, unless the Agency so requires in the context of individual section 5, 6, or 7 actions.
- (b) Any person who exports or intends to export polychlorinated biphenyls (PCBs) or PCB articles, for any purpose other than disposal, shall notify EPA of such intent or exportation under section 12(b). PCBs and PCB articles have the definitions published in 40 CFR 761.3.
- (c) Any person who would be prohibited by a section 5 or 6 regulation from exporting a chemical substance or mixture, but who is granted an exemption by EPA to export that chemical substance or mixture, shall notify EPA under section 12(b) of such intent to export or exportation.
- (d) An exporter will be subject to possible enforcement action (including penalties) for not complying with the applicable provisions of section 12(b).

Disclaimer

This listing is intended simply as an information resource to facilitate compliance with TSCA section 12(b). While EPA has attempted to be as accurate as possible in compiling this list, exporters subject to the requirements of section 12(b) should be aware that this list may contain unintended errors or omissions, and that the absence of a chemical from this list does not mean that export of the chemical is exempt from section 12(b) reporting requirements. Exporters

should be aware that they have an affirmative obligation to review the *Federal Register* for future publication of actions that may trigger section 12(b) reporting obligations. This list should not be relied upon in lieu of relevant *Federal Register* documents, orders, or the *Code of Federal Regulations*, and in the event of a conflict between this list and any *Federal Register* document, order, or the *Code of Federal Regulations*, this list will not be considered controlling. Exporters are encouraged to check this list from time to time, as EPA intends to revise it periodically, and will do so without prior public notice. EPA also encourages exporters or others to alert the Agency to any errors or omissions in the list. Comments can be sent to ccd.citb@epa.gov.

Notes:

1. Chemical substances subject to TSCA section 4 actions “sunset” after a specific period of time (see “Sunset Date/Status of TSCA Section 4 Testing, Reimbursement, and Reporting Requirements and TSCA Section 4-Triggered TSCA Section 12(b) Export Notification Requirements” at < <http://www.epa.gov/opptintr/chemtest/sunset.htm> > for the latest sunset table and further information). Be aware that a section 4 chemical that has “sunset” may also be the subject of another TSCA action triggering export notice requirements so that export notice may still be required.
2. In some instances, the CAS Registry Number originally cited has been revised or replaced by CAS since the issuance of the triggering TSCA action. Consequently, other information sources and indices may reference this “new” CAS number for the same chemical substance and may or may not cross-reference the originally cited CAS Registry Number contained in the TSCA regulatory action. Where EPA is aware of such changes, a cross-reference from the new CAS number to the originally published CAS number is provided.

Chemicals Subject to TSCA 12(b) Export Notification Requirements

as of February 29, 2008

Chemicals and categories without numeric identifiers

Name	TSCA Section	Comments
Alkylamine tetrachlorophenate	4	See 40 CFR parts 766 and 707.72 to determine the testing and export notification requirements for this chemical.
Asbestos	6	40 CFR 763.163 defines "asbestos" to mean the asbestiform varieties of chrysotile (serpentine); crocidolite (riebeckite); amosite (cummingtonite-grunerite); tremolite; anthophyllite; and actinolite. See 40 CFR Part 763 for further information regarding the restrictions for these substances and for products that contain or are made from these substances.
Fluoropolymer Composites	4	Only those composites identified specifically in the TSCA Section 4 Enforceable Consent Agreement (ECA); see 70 FR 39630 dated July 8, 2005, and 40 CFR 799.5025.
Fluorotelomer-Based Polymer Composites	4	Only those composites identified specifically in the TSCA Section 4 Enforceable Consent Agreement (ECA); see 70 FR 39624 dated July 8, 2005, and 40 CFR 799.5025.
Hexavalent chromium water treatment chemicals	6	Only those hexavalent chromium chemicals that can be used for water treatment, either alone or in any combination with other chemical substances when the mixture can be used to treat water cooling systems, trigger the TSCA section 12(b) export notification requirements. Other hexavalent chromium chemicals are not subject. Refer to 59 FR 42773 and 40 CFR 749.68. Examples of these hexavalent chromium chemicals are included in the CAS Registry Number table.
Lead- and zinc-containing fishing sinkers	6	See Proposed Rule (59 FR 11122, March 9, 1994). Includes export of lead- or zinc-containing fishing sinkers.
Nitrites of Group IA elements	5	See 40 CFR 721.4740. Individual nitrites may not necessarily be identified separately in the following tables.
Paper mill sludge	6	See Proposed Rule (56 FR 21802, May 10, 1991). Includes export of pulp and paper mill sludge or paper mill sludge. "Pulp and paper mill sludge or paper mill sludge means sludge generated during the treatment of process wastewater from chlorine and/or chlorine derivative bleaching processes. This includes products derived from such sludge (e.g., a mixture of such sludge and wood chips)."

Name	TSCA Section	Comments
Perfluoroalkyl sulfonates (PFAS)	5	See Proposed Rule (71 FR 12311, March 10, 2006). Includes PFASs as identified in the rule for the significant new uses described in the rule.
Polybrominated diphenyl ethers (PBDE's) <i>(certain brominated derivatives of benzene, 1,1'-oxybis-)</i>	5	Any combination of the following substances resulting from a chemical reaction (as well as the individual chemicals): Tetrabromodiphenyl ether ("tetraBDE") (CAS No. 40088-47-9); pentabromodiphenyl ether ("pentaBDE") (CAS No. 32534-81-9); hexabromodiphenyl ether ("hexaBDE") (CAS No. 36483-60-0); heptabromodiphenyl ether ("heptaBDE") (CAS No. 68928-80-3); octabromodiphenyl ether ("octaBDE") (CAS No. 32536-52-0); nonabromodiphenyl ether ("nonaBDE") (CAS No. 63936-56-1). For details, see the Proposed Significant New Use Rule (69 FR 70404, Dec. 6, 2004).
Polychlorinated biphenyls (PCB's)	6	PCB's collectively as a substance have the CAS Registry Number 1336-36-3. See 40 CFR Part 761 for information on individual congeners subject to Section 6, which may not necessarily be identified separately in the following table. Exporters need to determine whether their particular chemicals are subject on the basis of 40 CFR 761.
Tetrabromobisphenol B	4	See 40 CFR parts 766 and 707.72 to determine the testing and export notification requirements for this chemical.

12(b) Non-Confidential Chemicals Identified by CAS Registry Number

CAS Reg No.	TSCA Sec.	Endnote	CAS Reg No.	TSCA Sec.	Endnote	CAS Reg No.	TSCA Sec.	Endnote
50-07-7	5		87-65-0	4	1	110-44-1	4	
50-29-3	5		91-20-3	4		110-49-6	5	
50-55-5	5		92-52-4	4		110-80-5	5	
51-79-6	5		92-66-0	5		111-15-9	5	
56-04-2	5		92-86-4	5		111-84-2	4	
56-49-5	5		92-87-5	5		112-52-7	4	
56-53-1	5		94-04-2	5		118-75-2	4	1
62-44-2	5		95-35-4 (see also 99-35-4)	5		118-79-6	4	1
62-50-0	5		95-69-2	5		118-82-1	4	
70-25-7	5		95-77-2	4	1	120-36-5	4	1
70-30-4	5		95-94-3	5		120-80-9	4	
72-20-8	4		95-95-4	4	1	120-83-2	4	1
74-93-1	4		98-29-3	4		122-39-4	4	
74-95-3	4		99-28-5	4	1	123-33-1	4	
75-05-8	4		99-35-4 (see also 95-35-4)	5		123-42-2	4	
75-15-0	4		100-00-5	4		123-54-6	5	
75-35-4	4		100-01-6	4		123-63-7	5	
75-36-5	4		100-44-7	4		126-72-7	5	
75-70-7 (see also 594-42-3)	4		101-55-3	5		127-19-5	4	
75-88-7	5		106-42-3	4		142-82-5	4	
76-01-7	5		106-46-7	4		149-44-0	4	
77-73-6	4		106-65-0	4	2	150-76-5	4	
78-11-5	4		107-04-0	5		306-83-2	5	
78-59-1	4		107-06-2	4	2	307-35-7	5	
78-87-5	4		107-31-3	4		307-51-7	5	
79-00-5	4	2	108-03-2	4		320-72-9	4	1
79-20-9	4		108-19-0	4		335-24-0	5	
79-46-9	4		108-60-1	4		335-71-7	5	
79-94-7	4	1	108-90-7	4		335-77-3	5	
79-95-8	4	1	108-93-0	4		335-97-7	5	
84-65-1	4		109-66-0	4		353-50-4	5	
85-22-3	5		109-86-4	5		354-21-2	5	
87-10-5	4	1	109-99-9	4		354-25-6	5	
87-63-8	5		110-12-3	4		355-03-3	5	
						355-46-4	5	

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CAS Reg No.	TSCA Sec.	Endnote	CAS Reg No.	TSCA Sec.	Endnote	CAS Reg No.	TSCA Sec.	Endnote
359-07-9	5		930-33-6	5		2368-80-1	5	
372-39-4	5		930-55-2	5		2417-04-1	5	
375-03-1	5		931-35-1	5		2429-73-4	5	
375-81-5	5		933-75-5	4	1	2429-79-0	5	
375-92-8	5		1116-54-7	5		2429-81-4	5	
376-14-7	5		1129-42-6	5		2429-82-5	5	
383-07-3	5		1163-19-5	4	1	2429-83-6	5	
409-02-9	4		1187-03-7	5		2429-84-7	5	
423-50-7	5		1324-76-1	4		2432-99-7	5	
423-82-5	5		1333-82-0			2479-46-1	5	
			(see also 1333-83-0)	6	3	2568-33-4	5	
423-86-9	5		1333-83-0			2577-72-2	4	1
			(see also 1333-82-0)	6	3	2586-58-5	5	
428-59-1	5		1336-36-3	6		2602-34-8	5	
460-70-8	5		1489-69-6	5		2602-46-2	5	
460-92-4	5		1511-62-2	5		2615-25-0	5	
488-47-1	4	1	1649-08-7	5		2682-20-4	5	
531-85-1	5		1652-63-7	5		2682-49-7	5	
547-68-2	5		1660-95-3	5		2706-91-4	5	
573-58-0	5		1690-76-2	5		2716-10-1	5	
576-24-9	4	1	1691-99-2	5		2716-12-3	5	
583-78-8	4	1	1705-60-8	5		2795-39-3	5	
591-78-6	5		1737-93-5	5		2840-00-8	5	
594-42-3			1763-23-1	5		2893-80-3	5	
(see also 75-70-7)	4		1869-77-8	4,5		2941-64-2	4	
608-71-9	4	1	1885-48-9	5		2965-52-8	5	
608-93-5	4		1888-71-7	5		2991-50-6	5	
615-53-2	5		1893-52-3	5		2991-51-7	5	
615-58-7	4	1	1937-37-7	5		2991-52-8	5	
622-86-6	5		1940-42-7	4	1	3052-70-8	5	
624-83-9	4		2052-07-5	5		3083-25-8	5	
640-19-7	4		2113-57-7	5		3089-19-8	5	
680-31-9	5		2146-71-6	5		3107-18-4	5	
690-27-7	5		2250-98-8	5		3132-64-7	5	
693-38-9	5		2263-09-4	5		3165-93-3	5	
693-57-2	5		2302-97-8	5		3377-92-2	5	
754-91-6	5		2362-14-3	5				
773-14-8	5							

12(b) Non-Confidential Chemicals Identified by CAS Registry Number

CAS Reg No.	TSCA Sec.	Endnote	CAS Reg No.	TSCA Sec.	Endnote	CAS Reg No.	TSCA Sec.	Endnote
3389-71-7	5		7758-97-6	5		14018-95-2	6	3
3397-65-7	5		7775-11-3	6	3	14035-94-0	5	
3530-19-6	5		7778-50-9	6	3	14650-24-9	5	
3567-65-5	5		7789-00-6	6	3	14720-55-9	5	
3626-28-6	5		7789-99-3	5		15827-56-2	5	
3772-94-9	4	1	8005-02-5	4		15930-94-6 (see also 153936-94-6)	6	3
3811-71-0	5		8014-91-3	5		16068-37-4	5	
3820-83-5	5		8068-03-9	5		16071-86-6	5	
3871-50-9	5		10190-55-3	5		16079-88-2	5	
3871-99-6	5		10192-46-8	5		16096-31-4	5	
3872-25-1	5		10588-01-9	6	3	16298-38-7	5	
3971-28-6	5		11103-86-9	6		16532-79-9	4	
3984-22-3	5		12027-96-2	5		17202-41-4	5	
4080-98-2	5		12031-65-1	5		18241-31-1	5	
4151-50-2	5		12032-75-6	5		18934-00-4	5	
4161-22-2	5		12036-37-2	5		19019-43-3	5	
4162-45-2	4	1	12049-47-7	5		19201-36-6	5	
4335-09-5	5		12056-51-8	5		19372-44-2	5	
4694-91-1	5		12057-17-9	5		19721-22-3	5	
5117-12-4	5		12141-67-2	5		19829-42-6	5	
5384-21-4	5		12163-45-0	5		20138-28-7	5	
5397-03-5	5		12175-02-9	5		21055-88-9	5	
5958-25-8	5		12230-80-7	5		21160-95-2	5	
6196-98-1	5		12232-96-1	5		21807-69-2	5	
6304-39-8	5		12438-71-0	5		21850-44-2	4	1
6358-80-1	5		12510-42-8	5		22094-81-1	5	
6360-29-8	5		12656-57-4	5		22094-83-3	5	
6360-54-9	5		12656-85-8	5		22094-85-5	5	
6712-98-7	5		12709-98-7	5		22576-65-4	5	
6752-33-6	5		13169-90-9	5		23153-23-3	5	
6921-17-1	5		13417-01-1	5		24307-26-4	5	
7345-69-9	5		13439-89-9	5		24448-09-7	5	
7439-97-6	5		13530-65-9	6		24924-36-5	5	
7446-14-2	5		13530-68-2	6	3	25013-15-4	4	
7738-94-5	6	3	13654-09-6	5				

12(b) Non-Confidential Chemicals Identified by CAS Registry Number

CAS Reg No.	TSCA Sec.	Endnote	CAS Reg No.	TSCA Sec.	Endnote	CAS Reg No.	TSCA Sec.	Endnote
25245-34-5	5		37853-59-1	4	1	58857-49-1	5	
25268-77-3	5		37853-61-5	4	1	58920-31-3	5	
25327-89-3	4	1	38006-74-5	5		59071-10-2	5	
25608-40-6	5		38850-52-1	5		59447-55-1	5	
26172-55-4	5		38850-58-7	5		59789-51-4	5	
26694-69-9	5		38850-60-1	5		60270-55-5	5	
27603-25-4	5		39142-28-4	5		60466-61-7	5	
27610-48-6	5		39290-90-9	5		60825-27-6	5	
27753-52-2	5		39318-30-4	5		61577-14-8	5	
27858-07-7	5		40088-47-9	5		61660-12-6	5	
27936-88-5	5		41088-52-2	5		62435-71-6	5	
28554-31-6	5		41240-76-0	5		63936-56-1	5	
29081-56-9	5		43048-08-4	5		64712-27-2	5	
29091-20-1	5		50598-28-2	5		64723-18-8	5	
29117-08-6	5		50598-29-3	5		65992-66-7	5	
29457-72-5	5		50622-20-3	5		66008-68-2	5	
30025-38-8	5		51032-47-4	5		66008-69-3	5	
30381-98-7	5		51160-97-5	5		66008-70-6	5	
30486-37-4	5		51851-37-7	5		66988-04-3	5	
30813-81-1	5		51868-46-3	5		67584-42-3	5	
31506-32-8	5		52032-20-9	5		67584-48-9	5	
31775-16-3	5		52166-82-2	5		67584-49-0	5	
32315-10-9	5		52495-71-3	5		67584-50-3	5	
32534-81-9	4,5	1	52550-45-5	5		67584-52-5	5	
32536-52-0	4,5	1	54423-67-5	5		67584-53-6	5	
32539-16-5	5		55120-77-9	5		67584-54-7	5	
34415-31-1	5		55205-38-4	4	1	67584-56-9	5	
34455-03-3	5		55910-10-6	5		67584-57-0	5	
34590-94-8	4		56372-23-7	5		67584-58-1	5	
34621-99-3	5		56553-60-7	5		67584-60-5	5	
35544-45-7	5		56773-42-3	5		67584-61-6	5	
36177-92-1	5		56875-68-4	5		67584-62-7	5	
36355-01-8	5		57589-85-2	5		67906-38-1	5	
36483-60-0	5		58576-98-0	5		67906-40-5	5	
37338-48-0	5		58577-08-5	5		67906-41-6	5	

12(b) Non-Confidential Chemicals Identified by CAS Registry Number

CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote
67906-42-7	5	68239-73-6	5	68541-01-5	5
67906-70-1	5	68239-74-7	5	68541-02-6	5
67906-71-2	5	68239-75-8	5	68541-80-0	5
67906-73-4	5	68259-06-3	5	68555-69-1	5
67906-74-5	5	68259-07-4	5	68555-70-4	5
67923-61-9	5	68259-08-5	5	68555-71-5	5
67939-36-0	5	68259-09-6	5	68555-72-6	5
67939-37-1	5	68259-12-1	5	68555-73-7	5
67939-42-8	5	68259-14-3	5	68555-74-8	5
67939-61-1	5	68259-15-4	5	68555-75-9	5
67939-87-1	5	68259-38-1	5	68555-76-0	5
67939-88-2	5	68259-39-2	5	68555-78-2	5
67939-90-6	5	68298-06-6	5	68555-79-3	5
67939-92-8	5	68298-08-8	5	68555-81-7	5
67939-93-9	5	68298-09-9	5	68555-90-8	5
67939-94-0	5	68298-10-2	5	68555-91-9	5
67939-96-2	5	68298-11-3	5	68555-92-0	5
67939-97-3	5	68298-13-5	5	68568-77-4	5
67939-98-4	5	68298-60-2	5	68586-14-1	5
67940-02-7	5	68298-62-4	5	68608-13-9	5
67969-65-7	5	68298-78-2	5	68608-14-0	5
67969-69-1	5	68298-80-6	5	68611-64-3	4
68081-83-4	5	68298-81-7	5	68649-26-3	5
68084-62-8	5	68298-89-5	5	68797-76-2	5
68156-00-3	5	68299-20-7	5	68815-72-5	5
68156-01-4	5	68299-21-8	5	68867-60-7	5
68156-06-9	5	68299-29-6	5	68867-62-9	5
68156-07-0	5	68299-39-8	5	68877-32-7	5
68227-87-2	5	68310-02-1	5	68891-96-3	5
68227-94-1	5	68310-17-8	5	68891-97-4	5
68227-96-3	5	68310-75-8	5	68891-98-5	5
68227-97-4	5	68318-34-3	5	68891-99-6	5
68227-98-5	5	68318-36-5	5	68909-15-9	5
68227-99-6	5	68329-56-6	5	68928-80-3	5
68239-72-5	5	68391-09-3	5	68957-31-3	5

12(b) Non-Confidential Chemicals Identified by CAS Registry Number

CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote
68957-32-4	5	73019-28-0	5	90884-29-0	5
68957-53-9	5	73038-33-2	5	91081-99-1	5
68957-54-0	5	73231-04-6	5	91144-26-2	5
68957-55-1	5	73275-59-9	5	91788-83-9	5
68957-57-3	5	73772-32-4	5	92044-87-6	5
68957-58-4	5	73772-33-5	5	92484-07-6	5
68957-60-8	5	73772-34-6	5	93072-06-1	5
68957-61-9	5	75405-06-0	5	93589-69-6	5
68957-62-0	5	77939-50-5	5	94054-35-0	5
68957-63-1	5	77986-14-2	5	94133-90-1	5
68958-60-1	5	78245-94-0	5	94148-67-1	5
68958-61-2	5	78543-39-2	5	94213-53-3	5
69938-76-7	5	79710-86-4	5	94317-64-3	5
70225-14-8	5	79771-08-7	5	94933-05-8	5
70225-15-9	5	79771-09-8	5	95590-48-0	5
70225-16-0	5	80584-91-4	5(f),6	96152-42-0	5
70225-17-1	5	80584-92-5	5(f),6	96478-09-0	5
70225-20-6	5	81190-38-7	5	96549-95-0	5
70225-24-0	5	81711-69-5	5	98999-57-6	5
70225-26-2	5	82799-44-8	5	99636-32-5	5
70248-52-1	5	83048-65-1	5	99742-80-0	5
70776-36-2	5	83748-27-0	5	100402-91-3	5
70900-40-2	5	83748-28-1	5	100545-50-4	5
71463-74-6	5	84268-08-6	5	100912-15-0	5
71463-78-0	5	85029-61-4	5	101646-62-2	5
71463-79-1	5	85137-09-3	5	101646-63-3	5
71463-80-4	5	85204-21-3	5(f),6	103331-86-8	5
71463-81-5	5	85586-67-0	5	103458-14-6	5
71487-20-2	5	85712-26-1	5	103490-06-8	5
71526-07-3	5	85712-27-2	5	103490-08-0	5
72785-08-1	5	85736-97-6	5	103580-64-9	5
72804-49-0	5	86273-46-3	5	103697-96-7	5
73018-93-6	5	86917-58-0	5	104503-68-6	5
73019-19-9	5	87676-07-1	5	105362-40-1	5
73019-20-2	5	89610-32-2	5	105658-30-8	5
		90194-13-1	5		

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CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote
106008-93-9	5	130097-33-5	5	148684-79-1	5
106008-94-0	5	130169-66-3	5	149303-87-7	5
106359-91-5	5	130353-62-7	5	149564-65-8	5
106790-31-2	5	130728-76-6	5	151686-36-1	5
110726-28-8	5	132182-92-4	5	151717-27-0	5
110843-97-5	5	132299-20-8	5	152007-82-4	5
110843-98-6	5	132482-53-2	5	153280-11-6	5
111109-77-4	5	132767-86-3	5	153454-44-5	5
116671-32-0	5	133911-74-7	5	153590-17-1	5
116971-11-0	5	134701-20-5	5	153699-23-1	5
117397-31-6	5	134818-69-2	5	153936-94-6	6
117806-54-9	5	135011-47-1	5	(see also	3
118716-61-3	5	136040-19-2	5	15930-94-6)	
118716-62-4	5	136504-87-5	5	155613-93-7	5
119344-86-4	5	136504-96-6	5	156294-54-1	5
119438-11-8	5	137787-41-8	5	157627-99-1	5
119462-56-5	5	137873-52-0	5	157707-95-4	5
119535-63-6	5	138495-42-8	5	159574-72-8	5
119914-24-8	5	138859-29-7	5	158948-13-1	5
121144-97-6	5	141420-50-0	5	160901-25-7	5
121255-03-6	5	142828-65-7	5	161717-32-4	5
121776-57-6	5	142844-00-6	5	163206-28-8	5
122035-71-6	5	144761-93-3	5	163206-29-9	5
124756-59-8	5	145556-04-3	5	163206-32-4	5
124993-63-1	5	147129-86-0	5	163292-61-3	5
125630-94-6	5	147170-38-5	5	163292-64-6	5
125904-10-1	5	147170-47-6	5	163436-84-8	5
125904-11-2	5	147732-58-9	5	163879-69-4	5
125997-20-8	5	147783-69-5	5	163961-26-0	5
126213-50-1	5	148124-41-8	5	163961-34-0	5
126505-35-9	5	148124-42-9	5	164383-18-0	5
126682-74-4	5	148240-78-2	5	166432-57-1	5
127133-66-8	5	148240-80-6	5	166432-58-2	5
129733-59-1	5	148240-81-7	5	166514-73-4	5
129813-71-4	5	148240-82-8	5	167412-23-9	5
		148373-01-7	5	168113-88-0	5

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CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote
168811-65-2	5	196109-17-8	5	222975-06-6	5
170678-69-0	5	196521-82-1	5	224646-44-0	5
174254-18-3	5	197527-19-8	5	235083-88-2	5
174305-36-3	5	199487-82-6	5	235083-90-6	5
174333-80-3	5	200443-94-3	5	238420-68-3	5
174489-43-1	5	201167-69-3	5	247041-56-1	5
174489-76-0	5	201687-58-3	5	249297-16-3	5
174974-45-9	5	202483-48-5	5	251099-16-8	5
175205-96-6	5	203809-20-5	5	251553-55-6	5
177528-09-5	5	204336-40-3	5	253685-23-3	5
178094-69-4	5	204401-83-2	5	258839-39-3	5
178452-72-7	5	205764-98-3	5	259871-68-6	5
178535-22-3	5	206009-82-7	5	290364-23-7	5
179005-06-2	5	206886-68-2	5	290364-24-8	5
180031-79-2	5	208408-03-1	5	297175-71-4	5
180071-71-0	5	210181-71-8	5	300371-38-4	5
180685-86-3	5	211389-36-5	5	306973-46-6	5
181828-07-9	5	211578-04-0	5	306973-47-7	5
182238-09-1	5	211578-08-4	5	306974-19-6	5
182238-10-4	5	212335-59-6	5	306974-28-7	5
182635-99-0	5	212335-62-1	5	306974-45-8	5
182970-05-4	5	215856-72-7	5	306974-63-0	5
183562-46-1	5	216583-60-7	5	306975-56-4	5
184719-88-8	5	216583-66-3	5	306975-57-5	5
184785-38-4	5	216583-91-4	5	306975-62-2	5
186321-98-2	5	216583-94-7	5	306975-84-8	5
189120-62-5	5	216583-95-8	5	306975-85-9	5
189120-63-6	5	216593-48-5	5	306976-25-0	5
189354-73-2	5	216593-49-6	5	306976-55-6	5
190525-00-9	5	216593-54-3	5	306977-10-6	5
192439-46-6	5	216593-55-4	5	306977-58-2	5
192662-29-6	5	216977-01-4	5	306978-04-1	5
192726-23-1	5	218163-12-3	5	306978-65-4	5
193635-72-2	5	220075-01-4	5	306979-40-8	5
195008-77-6	5	221279-59-0	5	306980-27-8	5

12(b) Non-Confidential Chemicals Identified by CAS Registry Number

CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote	CAS Reg No.	TSCA Sec. Endnote
327177-98-0	5	350820-95-0	5	474095-58-4	5
329928-84-9	5	352661-91-7	5	477218-59-0	5
332350-90-0	5	359427-90-0	5	477725-72-7	5
332350-93-3	5	371113-62-1	5	591773-92-1	5
333784-10-4	5	371113-63-2	5	595585-15-2	5
333955-69-4	5	383905-85-9	5	671756-61-9	5
333955-70-7	5	391232-99-8	5	676143-36-5	5
333955-79-6	5	406207-51-0	5	863132-14-3	5
333955-80-9	5	452082-53-0	5		
346709-25-9	5				

Endnotes

1. For Section 4 requirements see 40 CFR parts 766 and 707.72 to determine the testing and export notification requirements for this chemical.
2. TSCA Section 4 data are required for this chemical under a signed Enforceable Consent Agreement (ECA). Therefore the TSCA section 12(b) export notification requirements associated with this chemical currently apply only to those companies that signed the ECA. All other exporters of this chemical are not yet, but may become, subject to TSCA section 12(b) export notification requirements for this chemical.
3. This chemical is an examples of a hexavalent chromium chemical that can be used for water treatment (either alone or in combination with other chemical substances). Only those hexavalent chromium chemicals that can be used to treat water trigger the TSCA section 12(b) export notification requirements. Some hexavalent chromium water treatment chemicals may not be listed here by their individual CAS Registry Numbers. Hexavalent chromium chemicals not used for water treatment are not subject to 12(b) reporting. Refer to 59 FR 42773 and 40 CFR 749.68 for more details.

PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.
L-92-0151	5	P-85-0994	5	P-86-1325	5	P-88-1275	5
P-83-0394	5	P-85-1167	5	P-86-1602	5	P-88-1277	5
P-83-0418	5	P-85-1210	5	P-86-1629	5	P-88-1445	5
P-83-0434	5	P-85-1212	5	P-86-1686	5	P-88-1514	5
P-83-0663	5	P-85-1239	5	P-87-0010	5	P-88-1623	5
P-83-0769	5	P-85-1240	5	P-87-0068	5	P-88-1658	5
P-83-0822	5	P-85-1283	5	P-87-0262	5	P-88-1682	5
P-83-1228	5	P-85-1369	5	P-87-0293	5	P-88-1718	5
P-83-1229	5	P-85-1380	5	P-87-0323	5	P-88-1783	5
P-84-0569	5	P-85-1388	5	P-87-0568	5	P-88-1857	5
P-84-0839	5	P-85-1420	5	P-87-0569	5	P-88-1898	5
P-84-0900	5	P-86-0065	5	P-87-0570	5	P-88-1937	5
P-84-0901	5	P-86-0067	5	P-87-0790	5	P-88-2100	5
P-84-0902	5	P-86-0078	5	P-87-0794	5	P-88-2210	5
P-84-0903	5	P-86-0266	5	P-87-1123	5	P-88-2231	5
P-84-1062	5	P-86-0331	5	P-87-1273	5	P-88-2237	5
P-84-1068	5	P-86-0335	5	P-87-1292	5	P-88-2334	5
P-84-1136	5	P-86-0382	5	P-87-1417	5	P-88-2341	5
P-84-1137	5	P-86-0473	5	P-87-1456	5	P-88-2530	5
P-84-1145	5	P-86-0477	5	P-88-0388	5	P-88-2582	5
P-84-1184	5	P-86-0478	5	P-88-0522	5	P-89-0030	5
P-84-1219	5	P-86-0530	5	P-88-0567	5	P-89-0031	5
P-85-0018	5	P-86-0531	5	P-88-0715	5	P-89-0116	5
P-85-0234	5	P-86-0532	5	P-88-0862	5	P-89-0280	5
P-85-0265	5	P-86-0831	5	P-88-0894	5	P-89-0336	5
P-85-0428	5	P-86-0872	5	P-88-1116	5	P-89-0340	5
P-85-0564	5	P-86-0873	5	P-88-1118	5	P-89-0341	5
P-85-0822	5	P-86-0924	5	P-88-1120	5	P-89-0483	5
P-85-0854	5	P-86-1021	5	P-88-1272	5	P-89-0506	5
P-85-0855	5	P-86-1122	5	P-88-1273	5	P-89-0539	5
P-85-0973	5	P-86-1250	5	P-88-1274	5	P-89-0589	5
		P-86-1293	5			P-89-0672	5

PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.
P-89-0676	5	P-90-1844	5	P-92-0248	5	P-93-0184	5
P-89-0750	5	P-90-1845	5	P-92-0249	5	P-93-0185	5
P-89-0755	5	P-90-1846	5	P-92-0250	5	P-93-0186	5
P-89-0756	5	P-91-0075	5	P-92-0251	5	P-93-0187	5
P-89-0760	5	P-91-0100	5	P-92-0283	5	P-93-0188	5
P-89-0810	5	P-91-0101	5	P-92-0294	5	P-93-0190	5
P-89-0906	5	P-91-0102	5	P-92-0314	5	P-93-0204	5
P-89-1085	5	P-91-0225	5	P-92-0399	5	P-93-0282	5
P-90-0244	5	P-91-0328	5	P-92-0400	5	P-93-0313	5
P-90-0245	5	P-91-0490	5	P-92-0401	5	P-93-0314	5
P-90-0339	5	P-91-0521	5	P-92-0402	5	P-93-0315	5
P-90-0404	5	P-91-0659	5	P-92-0403	5	P-93-0316	5
P-90-0405	5	P-91-0689	5	P-92-0545	5	P-93-0317	5
P-90-0406	5	P-91-0899	5	P-92-0546	5	P-93-0318	5
P-90-0440	5	P-91-0934	5	P-92-0547	5	P-93-0352	5
P-90-0481	5	P-91-1131	5	P-92-0548	5	P-93-0353	5
P-90-0581	5	P-91-1231	5	P-92-0549	5	P-93-0374	5
P-90-0643	5	P-91-1232	5	P-92-0550	5	P-93-0375	5
P-90-1357	5	P-91-1233	5	P-92-0551	5	P-93-0483	5
P-90-1366	5	P-91-1234	5	P-92-0552	5	P-93-0568	5
P-90-1384	5	P-91-1235	5	P-92-0660	5	P-93-0578	5
P-90-1472	5	P-91-1298	5	P-92-0686	5	P-93-0722	5
P-90-1473	5	P-91-1372	5	P-92-0714	5	P-93-0723	5
P-90-1564	5	P-91-1456	5	P-92-0755	5	P-93-0724	5
P-90-1644	5	P-92-0034	5	P-92-1112	5	P-93-0761	5
P-90-1645	5	P-92-0036	5	P-92-1113	5	P-93-0832	5
P-90-1646	5	P-92-0157	5	P-92-1125	5	P-93-0853	5
P-90-1647	5	P-92-0159	5	P-92-1352	5	P-93-0854	5
P-90-1648	5	P-92-0244	5	P-93-0066	5	P-93-0856	5
P-90-1649	5	P-92-0245	5	P-93-0096	5	P-93-0857	5
P-90-1730	5	P-92-0246	5	P-93-0097	5	P-93-0858	5
		P-92-0247	5			P-93-0987	5

PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.
P-93-1043	5	P-94-0508	5	P-94-0724	5	P-94-0755	5
P-93-1193	5	P-94-0509	5	P-94-0725	5	P-94-0756	5
P-93-1194	5	P-94-0615	5	P-94-0726	5	P-94-0757	5
P-93-1195	5	P-94-0616	5	P-94-0727	5	P-94-0758	5
P-93-1196	5	P-94-0658	5	P-94-0728	5	P-94-0759	5
P-93-1197	5	P-94-0697	5	P-94-0729	5	P-94-0760	5
P-93-1198	5	P-94-0698	5	P-94-0730	5	P-94-0761	5
P-93-1199	5	P-94-0699	5	P-94-0731	5	P-94-0762	5
P-93-1200	5	P-94-0700	5	P-94-0732	5	P-94-0763	5
P-93-1201	5	P-94-0701	5	P-94-0733	5	P-94-0764	5
P-93-1202	5	P-94-0702	5	P-94-0734	5	P-94-0765	5
P-93-1203	5	P-94-0703	5	P-94-0735	5	P-94-0766	5
P-93-1204	5	P-94-0704	5	P-94-0736	5	P-94-0767	5
P-93-1205	5	P-94-0705	5	P-94-0737	5	P-94-0768	5
P-93-1208	5	P-94-0706	5	P-94-0738	5	P-94-0769	5
P-93-1231	5	P-94-0707	5	P-94-0739	5	P-94-0770	5
P-93-1308	5	P-94-0708	5	P-94-0740	5	P-94-0771	5
P-93-1315	5	P-94-0709	5	P-94-0741	5	P-94-0772	5
P-93-1369	5	P-94-0710	5	P-94-0742	5	P-94-0773	5
P-93-1423	5	P-94-0711	5	P-94-0743	5	P-94-0774	5
P-93-1424	5	P-94-0712	5	P-94-0744	5	P-94-0775	5
P-93-1425	5	P-94-0713	5	P-94-0745	5	P-94-0776	5
P-93-1426	5	P-94-0714	5	P-94-0746	5	P-94-0777	5
P-94-0325	5	P-94-0715	5	P-94-0747	5	P-94-0778	5
P-94-0327	5	P-94-0716	5	P-94-0748	5	P-94-0779	5
P-94-0343	5	P-94-0717	5	P-94-0749	5	P-94-0780	5
P-94-0344	5	P-94-0718	5	P-94-0750	5	P-94-0781	5
P-94-0422	5	P-94-0719	5	P-94-0751	5	P-94-0782	5
P-94-0437	5	P-94-0720	5	P-94-0752	5	P-94-0783	5
P-94-0506	5	P-94-0721	5	P-94-0753	5	P-94-0784	5
P-94-0507	5	P-94-0722	5	P-94-0754	5	P-94-0785	5
		P-94-0723	5			P-94-0786	5

PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.
P-94-0787	5	P-94-0818	5	P-94-0850	5	P-94-0881	5
P-94-0788	5	P-94-0819	5	P-94-0851	5	P-94-0882	5
P-94-0789	5	P-94-0820	5	P-94-0852	5	P-94-0883	5
P-94-0790	5	P-94-0821	5	P-94-0853	5	P-94-0884	5
P-94-0791	5	P-94-0822	5	P-94-0854	5	P-94-0885	5
P-94-0792	5	P-94-0823	5	P-94-0855	5	P-94-0886	5
P-94-0793	5	P-94-0824	5	P-94-0856	5	P-94-0887	5
P-94-0794	5	P-94-0825	5	P-94-0857	5	P-94-0888	5
P-94-0795	5	P-94-0826	5	P-94-0858	5	P-94-0889	5
P-94-0796	5	P-94-0827	5	P-94-0859	5	P-94-0890	5
P-94-0797	5	P-94-0828	5	P-94-0860	5	P-94-0891	5
P-94-0798	5	P-94-0829	5	P-94-0861	5	P-94-0892	5
P-94-0799	5	P-94-0830	5	P-94-0862	5	P-94-0893	5
P-94-0800	5	P-94-0831	5	P-94-0863	5	P-94-0894	5
P-94-0801	5	P-94-0832	5	P-94-0864	5	P-94-0895	5
P-94-0802	5	P-94-0833	5	P-94-0865	5	P-94-1042	5
P-94-0803	5	P-94-0834	5	P-94-0866	5	P-94-1143	5
P-94-0804	5	P-94-0835	5	P-94-0867	5	P-94-1239	5
P-94-0805	5	P-94-0836	5	P-94-0868	5	P-94-1241	5
P-94-0806	5	P-94-0837	5	P-94-0869	5	P-94-1242	5
P-94-0807	5	P-94-0838	5	P-94-0870	5	P-94-1243	5
P-94-0808	5	P-94-0839	5	P-94-0871	5	P-94-1244	5
P-94-0809	5	P-94-0840	5	P-94-0872	5	P-94-1245	5
P-94-0810	5	P-94-0841	5	P-94-0873	5	P-94-1246	5
P-94-0811	5	P-94-0842	5	P-94-0874	5	P-94-1527	5
P-94-0812	5	P-94-0843	5	P-94-0875	5	P-94-1537	5
P-94-0813	5	P-94-0844	5	P-94-0876	5	P-94-1562	5
P-94-0814	5	P-94-0845	5	P-94-0877	5	P-94-1563	5
P-94-0815	5	P-94-0846	5	P-94-0878	5	P-94-1564	5
P-94-0816	5	P-94-0847	5	P-94-0879	5	P-94-1747	5
P-94-0817	5	P-94-0848	5	P-94-0880	5	P-94-1755	5
		P-94-0849	5			P-94-1799	5

PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.
P-94-1800	5	P-96-0400	5	P-96-0738	5	P-96-1512	5
P-94-1801	5	P-96-0401	5	P-96-0739	5	P-96-1513	5
P-95-0085	5	P-96-0402	5	P-96-0740	5	P-96-1514	5
P-95-0092	5	P-96-0403	5	P-96-0741	5	P-96-1519	5
P-95-0116	5	P-96-0404	5	P-96-0742	5	P-96-1520	5
P-95-0117	5	P-96-0406	5	P-96-0743	5	P-96-1536	5
P-95-0266	5	P-96-0407	5	P-96-0744	5	P-96-1661	5
P-95-0598	5	P-96-0408	5	P-96-0757	5	P-97-0004	5
P-95-0633	5	P-96-0554	5	P-96-0804	5	P-97-0042	5
P-95-0724	5	P-96-0555	5	P-96-0941	5	P-97-0043	5
P-95-0871	5	P-96-0556	5	P-96-0942	5	P-97-0058	5
P-95-0979	5	P-96-0557	5	P-96-0948	5	P-97-0059	5
P-95-0980	5	P-96-0558	5	P-96-0948	5	P-97-0060	5
P-95-0981	5	P-96-0559	5	P-96-1179	5	P-97-0061	5
P-95-1022	5	P-96-0560	5	P-96-1233	5	P-97-0136	5
P-95-1024	5	P-96-0561	5	P-96-1235	5	P-97-0179	5
P-95-1028	5	P-96-0564	5	P-96-1239	5	P-97-0181	5
P-95-1040	5	P-96-0564	5	P-96-1263	5	P-97-0214	5
P-95-1208	5	P-96-0565	5	P-96-1280	5	P-97-0298	5
P-95-1317	5	P-96-0573	5	P-96-1281	5	P-97-0332	5
P-95-1347	5	P-96-0576	5	P-96-1319	5	P-97-0344	5
P-95-1400	5	P-96-0577	5	P-96-1410	5	P-97-0370	5
P-95-1410	5	P-96-0578	5	P-96-1427	5	P-97-0591	5
P-95-1558	5	P-96-0579	5	P-96-1478	5	P-97-0592	5
P-95-1561	5	P-96-0580	5	P-96-1504	5	P-97-0593	5
P-95-1578	5	P-96-0581	5	P-96-1505	5	P-97-0727	5
P-95-1601	5	P-96-0702	5	P-96-1506	5	P-97-0728	5
P-95-1650	5	P-96-0732	5	P-96-1507	5	P-97-0730	5
P-95-2040	5	P-96-0733	5	P-96-1508	5	P-97-0731	5
P-96-0317	5	P-96-0734	5	P-96-1509	5	P-97-0732	5
P-96-0399	5	P-96-0735	5	P-96-1510	5	P-97-0769	5
		P-96-0736	5	P-96-1511	5	P-97-0775	5
		P-96-0737	5				

PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.
P-97-0781	5	P-98-0417	5	P-99-0492	5	P-00-0284	5
P-97-0782	5	P-98-0497	5	P-99-0493	5	P-00-0285	5
P-97-0783	5	P-98-0626	5	P-99-0494	5	P-00-0287	5
P-97-0881	5	P-98-0627	5	P-99-0495	5	P-00-0288	5
P-97-0882	5	P-98-0628	5	P-99-0496	5	P-00-0289	5
P-97-0904	5	P-98-0629	5	P-99-0497	5	P-00-0290	5
P-97-0916	5	P-98-0645	5	P-99-0510	5	P-00-0291	5
P-97-0943	5	P-98-0679	5	P-99-0557	5	P-00-0292	5
P-97-0944	5	P-98-0716	5	P-99-0557	5	P-00-0334	5
P-97-0945	5	P-98-0718	5	P-99-0618	5	P-00-0353	5
P-97-0946	5	P-98-0774	5	P-99-0703	5	P-00-0397	5
P-97-0947	5	P-98-0807	5	P-99-0873	5	P-00-0398	5
P-97-0948	5	P-98-1034	5	P-99-0897	5	P-00-0469	5
P-97-1011	5	P-98-1035	5	P-99-0952	5	P-00-0503	5
P-97-1028	5	P-98-1036	5	P-99-1131	5	P-00-0504	5
P-97-1029	5	P-98-1162	5	P-99-1132	5	P-00-0574	5
P-97-1060	5	P-98-1164	5	P-99-1133	5	P-00-0575	5
P-97-1061	5	P-98-1172	5	P-99-1134	5	P-00-0576	5
P-97-1062	5	P-98-1182	5	P-99-1135	5	P-00-0577	5
P-97-1108	5	P-99-0026	5	P-99-1138	5	P-00-0608	5
P-98-0005	5	P-99-0032	5	P-99-1287	5	P-00-0614	5
P-98-0006	5	P-99-0033	5	P-99-1389	5	P-00-0617	5
P-98-0007	5	P-99-0034	5	P-99-1399	5	P-00-0698	5
P-98-0105	5	P-99-0044	5	P-00-0045	5	P-00-0789	5
P-98-0123	5	P-99-0143	5	P-00-0108	5	P-00-0912	5
P-98-0155	5	P-99-0144	5	P-00-0202	5	P-00-0992	5
P-98-0198	5	P-99-0145	5	P-00-0277	5	P-00-1055	5
P-98-0317	5	P-99-0146	5	P-00-0278	5	P-00-1086	5
P-98-0414	5	P-99-0157	5	P-00-0280	5	P-00-1087	5
P-98-0415	5	P-99-0198	5	P-00-0281	5	P-00-1089	5
P-98-0416	5	P-99-0199	5	P-00-0282	5	P-00-1093	5
		P-99-0368	5	P-00-0283	5	P-01-0085	5
		P-99-0369	5				

PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.	PMN No.	TSCA Sec.
P-01-0109	5			P-06-0208	5	P-06-0571	5
P-01-0110	5	P-04-0080	5	P-06-0211	5	P-06-0572	5
P-01-0149	5	P-04-0157	5	P-06-0212	5	P-06-0573	5
P-01-0170	5	P-04-0174	5	P-06-0213	5	P-06-0574	5
P-01-0257	5	P-04-0176	5	P-06-0214	5	P-06-0575	5
P-01-0258	5	P-04-0830	5	P-06-0215	5	P-06-0576	5
P-01-0259	5	P-05-0057	5	P-06-0216	5	P-06-0577	5
P-01-0261	5	P-05-0059	5	P-06-0217	5	P-06-0578	5
P-01-0385	5	P-05-0060	5	P-06-0224	5	P-06-0579	5
P-01-0386	5	P-05-0061	5	P-06-0232	5	P-06-0580	5
P-01-0387	5	P-05-0063	5	P-06-0332	5	P-06-0581	5
P-01-0388	5	P-05-0064	5	P-06-0389	5	P-06-0582	5
P-01-0388	5	P-05-0065	5	P-06-0472	5	P-06-0583	5
P-01-0397	5	P-05-0120	5	P-06-0474	5	P-06-0584	5
P-01-0420	5	P-05-0323	5	P-06-0478	5	P-06-0585	5
P-01-0432	5	P-05-0486	5	P-06-0480	5	P-06-0586	5
P-01-0481	5	P-05-0487	5	P-06-0489	5	P-06-0587	5
P-01-0558	5	P-05-0491	5	P-06-0494	5	P-06-0588	5
P-01-0578	5	P-05-0492	5	P-06-0496	5	P-06-0676	5
P-01-0862	5	P-05-0503	5	P-06-0499	5	P-06-0781	5
P-02-0090	5	P-05-0504	5	P-06-0560	5	P-06-0816	5
P-02-0120	5	P-05-0505	5	P-06-0561	5	P-07-0130	5
P-02-0269	5	P-05-0536	5	P-06-0562	5	P-07-0211	5
P-02-0406	5	P-05-0756	5	P-06-0563	5	P-07-0212	5
P-02-0423	5	P-05-0838	5	P-06-0564	5	P-07-0213	5
P-02-0961	5	P-06-0019	5	P-06-0565	5	P-07-0214	5
P-03-0147	5	P-06-0026	5	P-06-0566	5	P-07-0217	5
P-03-0148	5	P-06-0035	5	P-06-0567	5	P-07-0445	5
P-03-0149	5	P-06-0173	5	P-06-0568	5	P-07-0446	5
P-03-0550	5	P-06-0206	5	P-06-0569	5	P-07-0447	5
P-03-0614	5	P-06-0207	5	P-06-0570	5	S-05-0003	5

Acc. No. Sec.

Acc. No. Sec.

Acc. No. Sec.

Acc. No. Sec.

12(b) Confidential Chemicals Identified by Accession Number

Acc. No.	Sec.	Acc. No.	Sec.	Acc. No.	Sec.	Acc. No.	Sec.
15544	5	65328	5	84801	5	113236	5
30309	5	65599	5	87560	5	114024	5
32178	5	65851	5	87968	5	115981	5
38585	5	66387	5	88063	5	119585	5
41259	5	66503	5	88472	5	120208	5
42741	5	66616	5	90212	5	121585	5
43313	5	67993	5	91680	5	121621	5
44292	5	68101	5	93835	5	121972	5
45002	5	68474	5	97008	5	122395	5
49435	5	69239	5	97291	5	122704	5
49457	5	71546	5	97859	5	122908	5
50567	5	72414	5	101601	5	123116	5
52381	5	73484	5	101974	5	123296	5
52676	5	73542	5	102057	5	123401	5
53215	5	73906	5	102966	5	123650	5
53862	5	73939	5	103378	5	123785	5
55904	5	73995	5	103798	5	123898	5
56236	5	75015	5	105090	5	124540	5
57397	5	76972	5	105578	5	124595	5
58834	5	77511	5	106720	5	125792	5
59531	5	77668	5	106877	5	125883	5
59622	5	77759	5	107450	5	126002	5
60787	5	77873	5	108260	5	126615	5
62283	5	78581	5	109525	5	127992	5
62625	5	79164	5	112233	5	128111	5
62705	5(f),6	80376	5	112380	5	128155	5
64621	5	80912	5	112766	5	128520	5
		81426	5			129147	5

Acc. No.	Sec.	Acc. No.	Sec.	Acc. No.	Sec.	Acc. No.	Sec.
129169	5	135945	5	143896	5	150595	5
129487	5	136335	5	143965	5	150711	5
129750	5	136482	5	144117	5	151247	5
129829	5	136722	5	144388	5	151372	5
130291	5	136880	5	144402	5	151690	5
130348	5	137361	5	144719	5	152115	5
130360	5	137418	5	144797	5	152386	5
130428	5	137963	5	145165	5	152853	5
130940	5	138104	5	145563	5	152897	5
131103	5	138217	5	145643	5	152955	5
131125	5	138342	5	145756	5	153174	5
131830	5	138455	5	145814	5	153196	5
132311	5	138499	5	146282	5	153232	5
132355	5	138557	5	146340	5	153312	5
132537	5	138751	5	146453	5	153889	5
132651	5	139674	5	146588	5	154473	5
132811	5	139787	5	146646	5	154688	5
132855	5	140502	5	146646	5	154724	5
133256	5	140591	5	146975	5	154768	5
133336	5	141072	5	147036	5	154917	5
133370	5	141323	5	147229	5	155750	5
133438	5	141629	5	147570	5	156015	5
133507	5	141889	5	147809	5	156128	5
134077	5	141925	5	147923	5	156140	5
134179	5	142086	5	148073	5	156413	5
134306	5	142360	5	148084	5	156424	5
134704	5	143034	5	148164	5	156526	5
135149	5	143410	5	148459	5	157109	5
135649	5	143501	5	148835	5	157701	5
135672	5	143636	5	149021	5	157825	5
		143807	5	149281	5	158226	5

Acc. No.	Sec.	Acc. No.	Sec.	Acc. No.	Sec.	Acc. No.	Sec.
158511	5	167830	5	176091	5	240110	5
158635	5	167910	5	176364	5	240212	5
158715	5	167943	5	176853	5	240983	5
158726	5	168162	5	176875	5	242036	5
158975	5	168377	5	176911	5	242207	5
159003	5	168504	5	176922	5	242412	5
159138	5	168935	5	177969	5	242467	5
159229	5	169290	5	177969	5	242650	5
159570	5	170059	5	178097	5	242763	5
159650	5	171063	5	178495	5	242901	5
160044	5	171358	5	178508	5	242956	5
160180	5	171596	5	179090	5	243313	5
160840	5	172055	5	179329	5	243335	5
161070	5	172088	5	187929	5	243799	5
161887	5	172351	5	190762	5	244485	5
161898	5	172691	5	211871	5	244941	5
162222	5	172737	5	230967	5	245831	5
162415	5	172793	5	232532	5	245933	5
162459	5	173014	5	232918	5	246469	5
163474	5	173296	5	234152	5	246743	5
163929	5	173310	5	234572	5	247495	5
163985	5	173343	5	234798	5	247826	5
165141	5	173489	5	234856	5	248567	5
165505	5	173649	5	234878	5	249297	5
165516	5	173876	5	234914	5	249468	5
165538	5	174131	5	236090	5	249720	5
166519	5	174313	5	236501	5	250023	5
166597	5	174324	5	236807	5	250089	5
167261	5	174368	5	237026	5	250476	5
167512	5	174722	5	237684	5	250965	5
		175032	5	238085	5	251333	5
				238267	5	251491	5
						251708	5

Acc. No.	Sec.	Acc. No.	Sec.	Acc. No.	Sec.	Acc. No.	Sec.
252187	5						
		259360	5			276314	5
252290	5			269397	5		
		259382	5			276530	5
253442	5			269820	5		
		259780	5			276698	5
254003	5			270236	5		
		260561	5			276825	5
254456	5			270338	5		
		260721	5			276836	5
254489	5			270565	5		
		261348	5			277293	5
254978	5			271706	5		
		262874	5			277339	5
255471	5			271739	5		
		262932	5			277895	5
255686	5			272721	5		
		262943	5			278616	5
256214	5			273100	5		
		262965	5			278627	5
256236	5			273495	5		
		263388	5			278638	5
256634	5			273735	5		
		263526	5			279084	5
256645	5			274067	5		
		264472	5			279506	5
256872	5			274498	5		
		264949	5			279573	5
257002	5			274943	5		
		266218	5			279744	5
257171	5			275219	5		
		266865	5			279755	5
257455	5			275253	5		
		266956	5			279960	5
257922	5			275468	5		
		267391	5				
258356	5			275651	5		
		268576	5				
258981	5			275708	5		
		269626	5				