

**1. Japan CSCL: Class I Specified Chemical Substances**

Added confirmed links between Cabinet Order Number and CAS Registry Number(19)

CAS RN	Cabinet Order Number
128-10-9	6
128-10-9	5
61788-76-9	32
63449-39-8	32
68920-70-7	32
68938-43-2	32
68953-84-4	10
71011-12-6	32
84082-38-2	32
84776-06-7	32

CAS RN	Cabinet Order Number
85422-92-0	32
85535-84-8	32
85536-22-7	32
85681-73-8	32
97553-43-0	32
97659-46-6	32
104948-36-9	32
108171-26-2	32
866758-65-8	32

**2. Japan CSCL: Priority Assessment Chemical Substances**

Added confirmed links between MITI Number and CAS Registry Number(269)

CAS RN	Registration Number	MITI Number
1321-38-6	129	3-2214
1838-19-3	164	2-133, 2-176, 2-185, 8-310, 8-342
8013-90-9	133	3-2387
8045-34-9	231	2-642, 2-766
8051-30-7	173	2-814, 2-827, 2-2503, 7-87, 8-311
8052-48-0	172	2-611, 7-973
9002-92-0	189	7-97
9004-82-4	223	7-155
9005-64-5	222	7-110, 8-55
9014-91-9	223	7-155
9016-45-9	86	7-172
9033-74-3	189	7-97
9033-76-5	189	7-97
9043-30-5	189	7-97
9062-73-1	222	7-110, 8-55
11113-74-9	177	1-417
11118-57-3	145	1-284
12385-08-9	203	3-543
14901-07-6	133	3-2387
19327-30-1	175	2-1639, 2-2807, 9-2038
20467-91-8	146	1-393
24938-91-8	189	7-97
25036-25-3	87	7-1279, 7-1283
25068-38-6	87	7-1279, 7-1283
25085-99-8	87	7-1279, 7-1283

25212-19-5	224	7-1951, 7-1961
25551-13-7	201	3-7, 3-3427
26027-38-3	86	7-172
26183-52-8	188	7-97
26264-14-2	106	2-234
26266-59-1	164	2-133, 2-176, 2-185, 8-310, 8-342
26568-79-6	224	7-1951, 7-1961
26635-75-6	236	7-264
26656-82-6	142	1-129
26912-60-7	188	7-97
27028-83-7	223	7-155
27134-26-5	198	3-194
27136-81-8	213	2-1620, 2-1623
27178-34-3	202	3-503
27193-28-8	157	3-503
27306-79-2	189	7-97
27731-62-0	223	7-155
32055-14-4	225	7-872
33939-64-9	235	7-114
34398-01-1	188	7-97
34398-05-5	189	7-97
36348-64-8	223	7-155
36729-58-5	170	2-217
36813-24-8	149	2-123
37205-87-1	86	7-172
37211-05-5	144	1-242
39346-20-8	164	2-133, 2-176, 2-185, 8-310, 8-342
39365-90-7	189	7-97
39587-22-9	188	7-97
43126-89-2	174	2-1290, 2-2707, 9-2027
51938-25-1	86	7-172
52847-43-5	224	7-1951, 7-1961
54116-08-4	223	7-155
54190-21-5	189	7-97
54668-12-1	189	7-97
56619-62-6	188	7-97
59419-51-1	189	7-97
60085-15-6	164	2-133, 2-176, 2-185, 8-310, 8-342
60828-78-6	189	7-97
61788-45-2	164	2-133, 2-176, 2-185, 8-310, 8-342

61788-46-3	164	2-133, 2-176, 2-185, 8-310, 8-342
61788-76-9	218	2-68
61788-90-7	169	2-198
61788-93-0	165	2-176
61788-95-2	165	2-176
61789-30-8	178	2-611, 9-1677
61789-31-9	172	2-611, 7-973
61789-40-0	174	2-1290, 2-2707, 9-2027
61789-60-4	163	9-1744
61789-89-7	172	2-611, 7-973
61790-18-9	164	2-133, 2-176, 2-185, 8-310, 8-342
61790-32-7	178	2-611, 9-1677
61790-33-8	164	2-133, 2-176, 2-185, 8-310, 8-342
61790-45-2	172	2-611, 7-973
61790-79-2	172	2-611, 7-973
61791-08-0	236	7-264
61791-13-7	188	7-97
61791-13-7	189	7-97
61791-21-7	188	7-97
61791-21-7	189	7-97
61791-28-4	188	7-97
61791-28-4	189	7-97
61827-42-7	188	7-97
63393-82-8	171	2-217, 2-3704
63428-87-5	223	7-155
65423-83-8	223	7-155
66072-07-9	178	2-611, 9-1677
66455-14-9	189	7-97
66455-15-0	188	7-97
66455-15-0	189	7-97
66455-17-2	103	2-217
66455-17-2	170	2-217
66455-17-2	171	2-217, 2-3704
66455-29-6	180	2-1291, 2-2709
67700-98-5	165	2-176
67701-09-1	178	2-611, 9-1677
67701-14-8	172	2-611, 7-973
67762-25-8	171	2-217, 2-3704
67762-30-5	171	2-217, 2-3704
67762-41-8	170	2-217
67762-41-8	171	2-217, 2-3704

68002-80-2	178	2-611, 9-1677
68002-97-1	188	7-97
68002-97-1	189	7-97
68015-67-8	189	7-97
68037-91-2	164	2-133, 2-176, 2-185, 8-310, 8-342
68037-92-3	164	2-133, 2-176, 2-185, 8-310, 8-342
68081-81-2	140	3-1884, 3-1906, 3-1949
68081-91-4	223	7-155
68131-39-5	189	7-97
68131-40-8	188	7-97
68131-40-8	189	7-97
68153-66-2	178	2-611, 9-1677
68154-33-6	222	7-110, 8-55
68154-96-1	189	7-97
68155-00-0	171	2-217, 2-3704
68155-07-7	173	2-814, 2-827, 2-2503, 7-87, 8-311
68155-20-4	173	2-814, 2-827, 2-2503, 7-87, 8-311
68155-24-8	236	7-264
68187-52-0	223	7-155
68213-23-0	189	7-97
68309-30-8	172	2-611, 7-973
68333-80-2	171	2-217, 2-3704
68390-99-8	169	2-198
68391-04-8	165	2-176
68411-30-3	140	3-1884, 3-1906, 3-1949
68412-54-4	86	7-172
68424-94-2	180	2-1291, 2-2709
68425-44-5	236	7-264
68439-45-2	188	7-97
68439-45-2	189	7-97
68439-46-3	188	7-97
68439-50-9	189	7-97
68439-54-3	188	7-97
68439-54-3	189	7-97
68439-57-6	175	2-1639, 2-2807, 9-2038
68439-70-3	165	2-176
68440-04-0	173	2-814, 2-827, 2-2503, 7-87, 8-311
68440-28-8	231	2-642, 2-766
68440-32-4	173	2-814, 2-827, 2-2503, 7-87, 8-311

68526-85-2	171	2-217, 2-3704
68526-86-3	171	2-217, 2-3704
68526-94-3	189	7-97
68527-29-7	178	2-611, 9-1677
68551-07-5	103	2-217
68551-07-5	170	2-217
68551-07-5	171	2-217, 2-3704
68551-08-6	171	2-217, 2-3704
68551-12-2	189	7-97
68551-17-7	212	2-10
68585-34-2	223	7-155
68585-40-0	223	7-155
68603-15-6	103	2-217
68603-15-6	170	2-217
68603-15-6	171	2-217, 2-3704
68603-20-3	189	7-97
68603-42-9	173	2-814, 2-827, 2-2503, 7-87, 8-311
68608-87-7	140	3-1884, 3-1906, 3-1949
68628-60-4	140	3-1884, 3-1906, 3-1949
68814-69-7	165	2-176
68855-56-1	171	2-217, 2-3704
68891-38-3	223	7-155
68908-98-5	235	7-114
68937-98-4	175	2-1639, 2-2807, 9-2038
68938-26-1	172	2-611, 7-973
68951-67-7	189	7-97
68952-35-2	219	3-2522, 3-2613, 3-3363
68955-55-5	169	2-198
68991-48-0	188	7-97
68991-48-0	189	7-97
69011-36-5	189	7-97
69013-19-0	188	7-97
69013-19-0	189	7-97
69669-25-6	178	2-611, 9-1677
69669-44-9	140	3-1884, 3-1906, 3-1949
70592-80-2	169	2-198
70632-06-3	235	7-114
70850-90-7	223	7-155
70879-83-3	188	7-97
70969-43-6	178	2-611, 9-1677

71011-10-4	189	7-97
71060-57-6	188	7-97
71076-86-3	103	2-217
71243-46-4	188	7-97
71243-46-4	189	7-97
72905-87-4	189	7-97
73049-82-8	231	2-642, 2-766
73398-63-7	188	7-97
73398-63-7	189	7-97
73665-22-2	223	7-155
73807-15-5	173	2-814, 2-827, 2-2503, 7-87, 8-311
75782-86-4	171	2-217, 2-3704
75782-87-5	171	2-217, 2-3704
78330-20-8	188	7-97
78330-21-9	188	7-97
78330-21-9	189	7-97
78330-29-7	223	7-155
80206-82-2	171	2-217, 2-3704
84133-50-6	189	7-97
84539-95-7	231	2-642, 2-766
84989-04-8	156	3-499, 4-57
85049-26-9	218	2-68
85116-82-1	231	2-642, 2-766
85116-93-4	231	2-642, 2-766
85117-50-6	140	3-1884, 3-1906, 3-1949
85408-48-6	169	2-198
85408-49-7	169	2-198
85535-85-9	218	2-68
85681-68-1	214	2-1679
85711-45-1	231	2-642, 2-766
85995-94-4	178	2-611, 9-1677
88762-01-0	189	7-97
90194-45-9	140	3-1884, 3-1906, 3-1949
90583-25-8	214	2-1679
90622-57-4	212	2-10
90622-58-5	212	2-10
90640-84-9	209	9-1735
91001-66-0	178	2-611, 9-1677
91032-02-9	178	2-611, 9-1677
91032-03-0	178	2-611, 9-1677
93686-14-7	175	2-1639, 2-2807, 9-2038

93762-73-3	171	2-217, 2-3704
93821-11-5	103	2-217
93821-11-5	170	2-217
93821-11-5	171	2-217, 2-3704
93924-07-3	212	2-10
97043-91-9	188	7-97
97043-91-9	189	7-97
97926-10-8	173	2-814, 2-827, 2-2503, 7-87, 8-311
106232-83-1	189	7-97
110392-50-2	223	7-155
113133-73-6	223	7-155
114766-14-2	189	7-97
117533-43-4	189	7-97
119345-04-9	227	9-1958
125736-54-1	223	7-155
126950-60-5	171	2-217, 2-3704
127036-24-2	188	7-97
127087-87-0	86	7-172
127184-52-5	140	3-1884, 3-1906, 3-1949
128482-64-4	223	7-155
134016-39-0	116	2-542
150413-26-6	223	7-155
157627-86-6	189	7-97
157627-95-7	223	7-155
157856-36-5	161	6-901
160336-23-2	126	3-22
160611-14-3	103	2-217
160611-14-3	170	2-217
160611-14-3	171	2-217, 2-3704
160875-66-1	188	7-97
160901-09-7	188	7-97
160901-19-9	189	7-97
161074-78-8	223	7-155
169107-21-5	188	7-97
170678-59-8	106	2-234
201732-70-9	106	2-234
219756-63-5	223	7-155
289711-49-5	212	2-10
308062-21-7	236	7-264
740817-83-8	171	2-217, 2-3704
1116380-81-4	183	2-3659
1184178-80-0	223	7-155

1266378-54-4	174	2-1290, 2-2707, 9-2027
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### 3. Japan CSCL: Newly Announced Chemical Substances

Added confirmed links between MITI Number and CAS Registry Number(2)

CAS RN	MITI Number	CAS RN	MITI Number
504-20-1	2-3302	1116380-81-4	2-3659

### 4. Japan CSCL: Existing Chemical Substances

Added confirmed links between MITI Number and CAS Registry Number(6)

CAS RN	MITI Number	CAS RN	MITI Number
5994-45-6	9-1687	68952-35-2	3-2613
32055-14-4	7-872	84989-04-8	3-499
61789-60-4	9-1744	90640-84-9	9-1735

Deleted confirmed links between MITI Number and CAS Registry Number(3)

CAS RN	MITI Number	CAS RN	MITI Number
504-20-1	2-570	160965-15-1	7-474
61788-59-8	7-670		

### 5. Japan CSCL: Type II Monitoring Chemical Substances (before amendment)

Added confirmed links between MITI Number and CAS Registry Number(17)

CAS RN	MITI Number	CAS RN	MITI Number
12385-08-9	3-543	66455-29-6	2-1291, 2-2709
25036-25-3	7-1279, 7-1283	68424-94-2	2-1291, 2-2709
25068-38-6	7-1279, 7-1283	68551-07-5	2-217
25085-99-8	7-1279, 7-1283	68603-15-6	2-217
27134-26-5	3-194	68952-35-2	3-3363
27178-34-3	3-503	71076-86-3	2-217
27193-28-8	3-503	93821-11-5	2-217
36813-24-8	2-123	160611-14-3	2-217
66455-17-2	2-217		

### 6. Japan CSCL: Type III Monitoring Chemical Substances (before amendment)

Added confirmed links between MITI Number and CAS Registry Number(9)

CAS RN	MITI Number	CAS RN	MITI Number
9016-45-9	7-172	51938-25-1	7-172
26027-38-3	7-172	68412-54-4	7-172
27134-26-5	3-194	68952-35-2	3-3363
27193-28-8	3-503	127087-87-0	7-172
37205-87-1	7-172		

### 7. Japan CSCL: Chemical Substances not regarded as a New Chemical Substances

Added(1)

35869-60-4
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### 8. Japan: Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof

Added(1)

69011-36-5
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Deleted(1)

12604-58-9
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### 9. Poisonous and Deleterious Substances Control Act

Added(20)

Poisonous Substances(7)

98-07-7	98-87-3	109-09-1	818-61-1	999-61-1
4098-71-9	5124-30-1			

Deleterious Substances(13)

64-67-5	96-18-4	107-15-3	108-46-3	109-55-7
111-40-0	112-24-3	1302-42-7	1310-65-2	1310-66-3
3901-59-5	7700-17-6	13598-36-2		

Cabinet Order Number that Cabinet Order Name was changed (2)

Article 2-1-32 of Cabinet order	Article 2-1-98-2 of Cabinet order
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### 10. Poisonous and Deleterious Substances Control Act: Substances excluded from Organic cyanide compounds

Added(3)

42532-60-5	1229654-66-3	1857331-83-9
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### 11. Japan ISHA: Existing Chemical Substances

Revised confirmed links between ISHA Number and CAS RN (1).

Confirmed link between ISHA number 2-(4)-581 and CAS RN 127-09-3 have been modified to CAS RN 157-54-7
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### 12. Japan ISHA: Newly Announced Chemical Substances

Revised confirmed links between ISHA Number and CAS RN (1).

Confirmed link between ISHA number 4-(9)-285 and CAS RN 139189-30-3 has been added.
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Confirmed link between ISHA number 1-(1)-785 and CAS RN 501-98-4 has been deleted.
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Confirmed link between ISHA number 2-(5)-246 and CAS RN 67953-76-8 has been deleted.
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### 13. REACH: Substances of Very High Concern for Authorization (SVHC)

Added(10)

552-30-7	191-24-2	541-02-6	84-61-7	12008-41-2
540-97-6	107-15-3	7439-92-1	556-67-2	61788-32-7

### 14. Korea: Act on the Registration and Evaluation, etc. of Chemical Substances (ARECs) / Chemicals Control Act (CCA)

Added CAS RNs : Toxic Substances (988)

54-64-8	55-68-5	56-35-9	56-93-9	58-36-6
58-89-9	62-38-4	62-74-8	65-31-6	74-90-8
75-74-1	76-87-9	78-00-2	91-66-7	91-67-8
95-47-6	95-48-7	95-53-4	95-54-5	95-65-8
95-70-5	95-80-7	95-87-4	99-97-8	100-57-2
100-61-8	103-69-5	105-67-9	106-42-3	106-44-5
106-49-0	106-50-3	108-38-3	108-39-4	108-44-1
108-45-2	108-68-9	111-64-8	115-09-3	121-69-7
123-73-9	123-88-6	124-58-3	131-52-2	139-07-1
139-08-2	142-04-1	143-33-9	144-21-8	146-84-9
151-50-8	301-04-2	301-08-6	319-84-6	319-85-7
319-86-8	379-52-2	429-06-1	496-72-0	506-61-6
506-64-9	506-65-0	506-80-9	507-28-8	513-78-0
526-75-0	531-85-1	534-16-7	540-23-8	540-25-0
541-25-3	541-69-5	541-70-8	542-62-1	542-83-6
542-84-7	543-90-8	544-92-3	546-67-8	557-19-7
557-21-1	557-42-6	562-76-5	562-79-8	562-81-2
576-26-1	592-01-8	592-02-9	592-04-1	592-05-2
592-06-3	592-85-8	592-87-0	609-72-3	611-21-2
612-52-2	612-83-9	613-48-9	615-28-1	615-50-9
622-57-1	622-80-0	623-08-5	624-18-0	631-60-7
636-21-5	639-58-7	661-36-9	688-73-3	696-44-6
768-52-5	823-40-5	900-95-8	959-98-8	1067-97-6
1072-35-1	1112-55-6	1120-46-3	1302-09-6	1302-82-5
1303-00-0	1303-28-2	1303-33-9	1303-36-2	1303-62-4
1304-39-8	1305-84-6	1306-19-0	1306-23-6	1306-24-7
1306-25-8	1307-99-9	1309-60-0	1309-64-4	1310-32-3
1312-41-0	1312-74-9	1313-04-8	1313-22-0	1313-49-1
1313-85-5	1314-05-2	1314-27-8	1314-87-0	1315-05-5
1315-06-6	1315-07-7	1315-09-9	1315-11-3	1317-36-8
1317-41-5	1327-33-9	1327-53-3	1332-07-6	1333-78-4
1335-31-5	1335-32-6	1336-14-7	1336-21-6	1344-13-4
1344-37-2	1344-40-7	1345-09-1	1461-22-9	1600-27-7
1668-00-4	1701-93-5	1910-42-5	1983-10-4	2074-50-2
2155-70-6	2155-74-0	2191-10-8	2223-93-0	2312-76-7
2420-98-6	2424-53-5	2605-44-9	2687-25-4	2917-31-9
2917-32-0	2939-80-2	2980-64-5	3024-71-3	3026-22-0
3090-36-6	3249-60-3	3324-58-1	3349-06-2	3425-46-5
3644-29-9	3811-04-9	4027-18-3	4167-05-9	4342-30-7
4367-08-2	4464-23-7	4782-29-0	5103-71-9	5103-74-2
5197-80-8	5470-11-1	5543-57-7	5543-58-8	5743-04-4
5787-96-2	6080-56-4	6108-10-7	6369-59-1	6477-64-1
6838-85-3	7158-25-0	7428-48-0	7446-08-4	7446-10-8
7446-15-3	7446-17-5	7446-19-7	7446-21-1	7446-26-6
7446-27-7	7446-32-4	7487-94-7	7488-51-9	7488-55-3
7488-56-4	7546-30-7	7616-83-3	7631-89-2	7632-00-0
7646-78-8	7646-85-7	7647-18-9	7699-45-8	7733-02-0
7758-09-0	7758-95-4	7758-97-6	7759-01-5	7761-88-8
7772-99-8	7774-29-0	7775-09-9	7775-11-3	7775-41-9
7778-39-4	7778-41-8	7778-43-0	7778-44-1	7778-50-9
7779-86-4	7779-88-6	7779-90-0	7782-82-3	7782-86-7
7783-00-8	7783-07-5	7783-08-6	7783-19-9	7783-21-3

7783-32-6	7783-33-7	7783-34-8	7783-35-9	7783-36-0
7783-39-3	7783-46-2	7783-47-3	7783-49-5	7783-56-4
7783-59-7	7783-62-2	7783-70-2	7783-79-1	7783-89-3
7783-92-8	7783-93-9	7783-95-1	7783-96-2	7783-98-4
7783-99-5	7784-01-2	7784-02-3	7784-03-4	7784-05-6
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7788-98-9	7789-00-6	7789-01-7	7789-06-2	7789-09-5
7789-10-8	7789-12-0	7789-42-6	7789-47-1	7789-51-7
7789-52-8	7789-61-9	7789-65-3	7789-67-5	7790-37-6
7790-44-5	7790-47-8	7790-59-2	7790-79-6	7790-80-9
7790-81-0	7790-83-2	7790-84-3	7790-85-4	7791-08-4
7791-10-8	7791-23-3	7803-57-8	8001-54-5	8012-00-8
8048-07-5	9008-26-8	10022-68-1	10025-69-1	10025-91-9
10026-03-6	10026-06-9	10026-23-0	10031-13-7	10031-22-8
10031-24-0	10034-82-9	10039-54-0	10045-94-0	10046-00-1
10048-95-0	10048-99-4	10061-02-6	10099-74-8	10099-76-0
10099-79-3	10101-63-0	10101-96-9	10102-18-8	10102-49-5
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10112-91-1	10112-94-4	10124-36-4	10124-50-2	10137-74-3
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10214-40-1	10290-12-7	10294-26-5	10294-40-3	10294-52-7
10294-70-9	10325-94-7	10326-21-3	10326-29-1	10361-94-1
10361-95-2	10380-06-0	10415-75-5	10424-65-4	10431-47-7
10468-30-1	10588-01-9	11066-49-2	11099-02-8	11103-86-9
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11120-22-2	11126-29-7	12005-75-3	12005-81-1	12005-88-8
12005-89-9	12005-92-4	12005-94-6	12005-95-7	12005-96-8
12006-08-5	12006-09-6	12006-12-1	12006-15-4	12006-21-2
12006-40-5	12007-67-9	12014-14-1	12014-28-7	12014-29-8
12014-94-7	12018-68-7	12019-92-0	12020-04-1	12020-24-5
12020-38-1	12020-66-5	12022-92-3	12022-93-4	12023-90-4
12024-11-2	12024-24-7	12024-80-5	12024-90-7	12029-86-6
12029-87-7	12031-51-5	12032-10-9	12032-82-5	12032-97-2
12034-30-9	12034-77-4	12034-88-7	12035-23-3	12035-33-5
12035-52-8	12036-31-6	12036-76-9	12036-87-2	12038-08-3
12038-62-9	12038-64-1	12039-31-5	12039-33-7	12039-34-8
12039-35-9	12039-51-9	12039-52-0	12039-54-2	12039-55-3
12044-16-5	12044-20-1	12044-21-2	12044-22-3	12044-25-6
12044-28-9	12044-42-7	12044-49-4	12044-54-1	12044-55-2
12048-28-1	12052-42-5	12053-12-2	12053-13-3	12054-21-6
12054-25-0	12056-07-4	12057-30-6	12057-75-9	12058-18-3
12058-86-5	12059-89-1	12060-00-3	12060-01-4	12062-24-7
12062-26-9	12064-03-8	12065-10-0	12065-11-1	12065-68-8
12065-90-6	12066-81-8	12067-45-7	12067-46-8	12068-61-0
12068-69-8	12069-00-0	12136-60-6	12137-74-5	12137-76-7
12139-22-9	12139-23-0	12141-20-7	12142-69-7	12162-21-9
12162-60-6	12163-21-2	12166-36-8	12166-43-7	12166-47-1
12182-69-3	12185-64-7	12186-97-9	12187-14-3	12202-17-4
12205-72-0	12208-13-8	12214-12-9	12232-25-6	12254-85-2
12254-88-5	12255-04-8	12255-08-2	12255-09-3	12255-36-6

12255-39-9	12255-48-0	12255-50-4	12255-53-7	12256-04-1
12266-38-5	12268-84-7	12271-72-6	12271-95-3	12292-07-8
12299-51-3	12299-98-8	12323-32-9	12344-40-0	12344-68-2
12345-15-2	12359-48-7	12372-45-1	12397-16-9	12403-82-6
12417-99-1	12433-50-0	12435-47-1	12442-27-2	12503-49-0
12578-12-0	12608-25-2	12626-36-7	12626-81-2	12640-89-0
12656-57-4	12656-85-8	12737-98-3	12765-51-4	12767-90-7
13078-04-1	13222-52-1	13410-01-0	13423-61-5	13424-46-9
13446-48-5	13446-73-6	13453-15-1	13453-35-5	13453-66-2
13453-71-9	13454-78-9	13455-25-9	13462-93-6	13464-35-2
13464-37-4	13464-38-5	13464-44-3	13464-68-1	13465-08-2
13465-33-3	13465-66-2	13465-88-8	13465-94-6	13465-96-8
13465-97-9	13465-98-0	13470-06-9	13473-75-1	13477-00-4
13477-04-8	13477-17-3	13477-70-8	13478-14-3	13478-50-7
13510-31-1	13510-44-6	13510-89-9	13530-65-9	13548-42-0
13566-15-9	13568-33-7	13597-44-9	13597-46-1	13597-65-4
13598-37-3	13637-61-1	13652-74-9	13654-09-6	13682-73-0
13701-66-1	13715-19-0	13718-59-7	13746-98-0	13755-29-8
13765-19-0	13770-90-6	13780-06-8	13780-18-2	13814-59-0
13814-62-5	13814-87-4	13814-93-2	13814-96-5	13814-97-6
13814-98-7	13816-38-1	13826-55-6	13826-65-8	13826-83-0
13826-88-5	13827-02-6	13845-35-7	13847-17-1	13847-22-8
13862-62-9	13877-20-8	13932-17-7	13963-58-1	13967-50-5
13972-68-4	13973-61-0	14013-71-9	14017-36-8	14018-95-2
14019-91-1	14038-75-6	14038-85-8	14039-23-7	14075-53-7
14104-20-2	14217-00-6	14220-17-8	14244-62-3	14263-59-3
14263-73-1	14264-31-4	14283-07-9	14307-33-6	14307-35-8
14332-59-3	14332-60-6	14402-75-6	14402-89-2	14414-68-7
14486-19-2	14486-20-5	14519-07-4	14520-70-8	14590-19-3
14590-38-6	14639-98-6	14696-77-6	14708-11-3	14708-13-5
14708-14-6	14720-53-7	14720-55-9	14721-18-7	14721-21-2
14763-77-0	14836-60-3	14866-25-2	14883-46-6	14984-71-5
14986-91-5	15060-62-5	15060-64-7	15120-17-9	15123-69-0
15142-98-0	15245-44-0	15263-52-2	15280-09-8	15283-51-9
15333-24-1	15347-57-6	15385-58-7	15477-33-5	15572-25-5
15578-26-4	15578-32-2	15586-38-6	15586-47-7	15593-51-8
15593-52-9	15593-75-6	15600-62-1	15600-71-2	15689-07-3
15696-43-2	15702-34-8	15829-53-5	15845-52-0	15851-44-2
15851-47-5	15852-14-9	15907-04-7	16038-76-9	16222-66-5
16245-77-5	16824-81-0	16871-71-9	16871-90-2	16893-85-9
16919-19-0	16920-45-9	16925-39-6	16949-65-8	16996-40-0
17010-21-8	17029-22-0	17099-70-6	17125-80-3	17256-78-9
17347-95-4	17570-76-2	18390-55-1	18428-70-1	18454-12-1
18472-93-0	18653-83-3	18909-68-7	18943-30-1	19010-66-3
19098-16-9	19210-06-1	19262-92-1	19287-89-9	19307-28-9
19783-14-3	20039-37-6	20325-40-0	20405-64-5	20654-88-0
20837-86-9	20890-10-2	20960-77-4	21041-95-2	21136-70-9
21548-73-2	21908-53-2	22006-17-3	22569-74-0	23149-52-2
23414-72-4	23606-32-8	23854-38-8	24012-08-6	24606-42-6
24613-89-6	24626-20-8	24719-19-5	25054-76-6	25081-70-3
25152-52-7	25376-45-8	25638-88-4	25659-31-8	25666-92-6
25808-74-6	25808-75-7	25895-60-7	26042-63-7	26042-64-8

26043-11-8	26490-63-1	26522-24-7	26545-49-3	26915-12-8
26966-75-6	26970-82-1	27016-73-5	27016-75-7	27253-28-7
27526-45-0	27765-48-6	27790-37-0	28089-34-1	29095-38-3
29638-69-5	29664-84-4	29935-35-1	30017-05-1	30525-89-4
30744-82-2	30848-25-0	31052-43-4	31052-46-7	31096-40-9
31395-95-6	31732-71-5	32316-92-0	32775-46-5	33213-65-9
33908-66-6	33910-86-0	34069-88-0	34493-01-1	35112-70-0
35184-08-8	35498-15-8	36501-84-5	37194-88-0	37300-23-5
37349-59-0	38465-60-0	39294-08-1	39297-24-0	39390-00-6
39427-02-6	40609-56-1	40861-29-8	41189-36-0	42579-89-5
42613-24-1	49663-84-5	51222-60-7	51580-86-0	51594-55-9
51839-25-9	51868-24-7	52080-60-1	52231-92-2	52262-58-5
52488-90-1	52503-06-7	52628-25-8	52732-72-6	54389-17-2
54576-53-3	54847-25-5	55467-74-8	55965-84-9	56189-09-4
56450-43-2	56902-79-5	57520-17-9	57762-28-4	58127-88-1
58339-34-7	58888-47-4	60347-66-2	60763-24-8	60909-47-9
61788-53-2	61788-54-3	61789-34-2	61789-71-7	61790-14-5
61951-96-0	63449-41-2	66004-32-8	66142-22-1	67372-98-9
67711-86-8	67843-74-7	67859-68-1	67952-43-6	68131-58-8
68131-59-9	68131-60-2	68152-99-8	68155-47-5	68187-54-2
68239-51-0	68309-92-2	68332-81-0	68391-01-5	68409-79-0
68409-82-5	68411-78-9	68412-38-4	68424-76-0	68424-85-1
68512-49-2	68512-50-5	68512-51-6	68553-17-3	68553-63-9
68555-05-5	68555-07-7	68572-87-2	68585-90-0	68603-83-8
68603-93-0	68604-05-7	68605-98-1	68784-10-1	68784-55-4
68784-58-7	68784-59-8	68784-76-9	68784-78-1	68855-80-1
68859-25-6	68876-84-6	68876-90-4	68876-98-2	68876-99-3
68877-00-9	68877-01-0	68891-87-2	68952-91-0	68953-39-9
68954-18-7	68956-81-0	68956-96-7	68987-33-7	68990-75-0
69011-07-0	69011-08-1	69011-69-4	69011-70-7	69029-52-3
69029-63-6	69029-74-9	69103-04-4	69991-68-0	70084-75-2
70333-07-2	70495-28-2	70714-63-5	70879-91-3	71243-75-9
71975-58-1	72845-34-2	72869-26-2	72869-63-7	74912-23-5
74925-56-7	85409-22-9	88103-06-4	88608-76-8	90481-04-2
90604-89-0	90604-90-3	91672-41-2	93894-07-6	94551-62-9
95193-93-4	95860-12-1	98106-56-0	99035-51-5	99328-54-8
99573-82-7	99587-10-7	99811-54-8	100124-06-9	100402-53-7
100656-49-3	101356-99-4	101357-00-0	101357-01-1	101357-02-2
101357-03-3	101357-04-4	102110-21-4	102110-24-7	102110-26-9
102110-30-5	102110-36-1	102110-60-1	102110-61-2	102110-62-3
102184-95-2	108173-90-6	147102-97-4	160402-23-3	201363-52-2
1002754-39-3	1306617-58-2	1454803-04-3		

## Added CAS RNs : Restricted Substances (32)

1332-21-4	1336-14-7	1344-37-2	1624-02-8	7738-94-5
7784-01-2	7784-02-3	7789-01-7	7789-10-8	7789-12-0
10034-82-9	10294-52-7	11103-86-9	11118-57-3	11119-70-3
12433-50-0	12656-85-8	13446-73-6	13453-35-5	13454-78-9
13455-25-9	13473-75-1	14721-18-7	15586-38-6	18454-12-1
20039-37-6	28089-34-1	34493-01-1	37300-23-5	41189-36-0
49663-84-5	148092-61-9			

## Added CAS RNs : Prohibited Substances (20)

58-89-9	66-32-0	297-99-4	319-84-6	319-85-7
319-86-8	959-98-8	1332-21-4	2939-80-2	5103-71-9
5103-74-2	6108-10-7	13654-09-6	13746-98-0	16222-66-5
17140-57-7	30017-05-1	33213-65-9	85446-17-9	117964-21-3

## Added CAS RN : Accident Precaution Chemical (1)

1336-21-6
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## Added CAS RNs : Phase in substances subject to registration (1)

1336-21-6	20654-88-0
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**15. IARC: Carcinogenicity Assessment**

Added(3)

108-99-6	542-56-3	15625-89-5
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Changed from Group 3 to 2B (2)

96-33-3	103-11-7
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**16. Chemical Substance Name**

Updated (809)

53-63-4	56-33-7	66-05-7	66-40-0	69-25-0
70-43-9	71-02-3	76-28-8	76-45-9	76-98-2
77-63-4	78-12-6	79-77-6	80-99-9	86-24-8
87-47-8	89-49-6	89-84-9	91-46-3	94-23-5
94-84-8	96-40-2	97-11-0	99-47-8	101-33-7
101-93-9	102-45-4	139-62-8	144-55-8	155-00-0
321-21-1	330-00-7	358-37-2	359-19-3	376-53-4
378-33-6	424-20-4	429-67-4	430-53-5	433-97-6
454-92-2	455-24-3	456-06-4	458-11-7	461-31-4
462-23-7	462-26-0	462-72-6	465-21-4	470-37-1
471-15-8	478-99-9	485-43-8	490-78-8	502-84-1
504-74-5	508-65-6	515-13-9	527-75-3	541-33-3
545-97-1	546-45-2	565-70-8	582-80-9	590-12-5
594-01-4	616-21-7	617-37-8	618-21-3	624-01-1
635-38-1	638-56-2	699-83-2	762-48-1	807-28-3
859-97-2	860-79-7	876-33-5	884-33-3	931-91-9
943-57-7	1190-22-3	1197-09-7	1209-98-9	1271-19-8
1309-32-6	1331-45-9	1345-20-6	1422-26-0	1522-00-5
1663-35-0	1669-98-3	1793-90-4	1854-30-4	1883-13-2
1912-30-7	2122-63-6	2136-71-2	2136-72-3	2257-52-5
2320-30-1	2351-13-5	2362-10-9	2374-14-3	2417-72-3
2461-40-7	2521-01-9	2545-79-1	2597-54-8	2627-97-6
2657-67-2	2665-12-5	2720-67-4	2754-17-8	2757-37-1
2812-73-9	2864-10-0	2916-25-8	2916-26-9	2917-94-4
2923-93-5	2943-70-6	3013-94-3	3077-71-2	3085-45-8
3155-16-6	3159-07-7	3380-60-7	3685-26-5	3818-62-0
3878-46-4	3912-46-7	4027-17-2	4198-90-7	4245-76-5
4253-89-8	4279-22-5	4316-23-8	4337-66-0	4413-13-2
4457-67-4	4484-61-1	4663-83-6	4702-23-2	4727-18-8
4828-34-6	4913-31-9	4987-75-1	5024-27-1	5076-60-8
5105-78-2	5108-94-1	5122-94-1	5129-61-3	5162-82-3

5164-11-4	5289-74-7	5299-60-5	5437-60-5	5623-18-7
5720-07-0	5834-84-4	5870-82-6	5921-80-2	6079-98-7
6100-20-5	6132-02-1	6138-32-5	6200-60-8	6203-08-3
6297-22-9	6487-48-5	6859-32-1	6881-94-3	6902-77-8
7003-56-7	7009-49-6	7090-25-7	7119-92-8	7158-40-9
7392-96-3	7398-76-7	7422-78-8	7493-80-3	7499-08-3
7581-97-7	7620-28-2	7789-36-8	7795-91-7	8029-10-5
9005-65-6	9005-66-7	9005-67-8	9005-71-4	9006-24-0
9015-97-8	9017-80-5	9021-92-5	9080-34-6	10024-90-5
10087-89-5	10095-06-4	10143-31-4	10147-68-9	10290-96-7
10294-56-1	10443-70-6	10448-09-6	10520-24-8	11031-11-1
11069-19-5	11118-65-3	12205-44-6	12217-56-0	12222-69-4
12223-42-6	12225-64-8	12225-67-1	12234-96-7	12235-25-5
12238-90-3	12239-03-1	12270-80-3	12445-36-2	13080-75-6
13147-25-6	13234-21-4	13477-53-7	13494-10-5	13509-27-8
13557-75-0	13577-40-7	13598-36-2	13763-67-2	14047-29-1
14216-88-7	14236-02-3	14273-90-6	14328-51-9	14459-95-1
14901-07-6	15271-41-7	15438-65-0	15523-43-0	15585-88-3
15641-58-4	15760-35-7	15760-36-8	16102-92-4	16331-46-7
16604-99-2	16668-62-5	16672-70-1	16812-40-1	17263-56-8
17489-40-6	17687-47-7	17701-31-4	17745-04-9	17752-16-8
17791-62-7	18130-74-0	18132-72-4	18186-97-5	18261-99-9
18420-09-2	18479-64-6	18583-89-6	18679-90-8	18912-80-6
18940-57-3	19046-64-1	19622-08-3	20099-89-2	20417-84-9
20706-25-6	20779-08-2	21132-76-3	21232-47-3	21535-43-3
21770-81-0	22059-22-9	23249-96-9	24303-61-5	24353-88-6
24579-73-5	24937-74-4	24980-17-4	25035-72-7	25102-12-9
25153-36-0	25269-04-9	25302-76-5	25684-82-6	25917-04-8
25961-89-1	25986-71-4	26099-89-8	26116-56-3	26139-75-3
26160-89-4	26283-63-6	26338-41-0	26411-50-7	26589-98-0
26591-10-6	26617-44-7	26617-45-8	26761-81-9	26782-74-1
26794-11-6	26962-29-8	26984-45-2	27138-57-4	27348-35-2
28135-23-1	28170-13-0	28348-42-7	28604-78-6	28630-26-4
28631-86-9	28960-88-5	29336-30-9	29515-61-5	29548-86-5
29661-89-0	29930-92-5	30299-08-2	30421-59-1	30424-64-7
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(Attachment)

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