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Chemical substances in Batch 1 of the Challenge

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Information gathering

Section 71 Chemicals Management Plan 2023

In June 2023, a notice was published in the [Canada Gazette, Part I: Vol. 157, No. 25 – June 24, 2023](#) under section 71 of the [Canadian Environmental Protection Act, 1999](#) (CEPA 1999). This notice applies to 3 substances in this batch (CAS RNs 91-08-7, 75-56-9 and 91-20-3).

More information is available on the [Information gathering with respect to certain substances under the Chemicals Management Plan](#) web page.

2017 Mandatory survey – section 71 notice

In April 2017, a notice was published in the [Canada Gazette, Part I: Vol. 151, No. 13 – April 1, 2017](#) under section 71 of CEPA 1999. This notice applied to 3 substances in this batch (CAS RNs 91-08-7, 584-84-9, 26471-62-5) as well as 47 other substances that are toxic or that were proposed to be toxic as defined under section 64 of CEPA 1999.

2007 Mandatory survey – section 71 notice

In February 2007, a notice was published in the [Canada Gazette, Part I: Vol. 141, No. 5](#) under section 71 of CEPA 1999. This notice applied to 13 of the 15 substances in this batch. The remaining 2 substances (CAS RNs 91-20-3 and 54079-53-7) had been surveyed under a previous section 71 notice, and the Government had obtained sufficient information. They were therefore not included in the February 2007 notice.

Substance Groupings Initiative

The following substances in this batch have been included in the [Aromatic Azo and Benzidine-based Substance Grouping](#) under [Substance Groupings Initiative](#) as part of the second phase of the CMP. As outlined in the [notice of intent](#) for the Aromatic Azo and Benzidine-based Substance Grouping, it was recognized that assessments and conclusions pertaining to some of the substances in the grouping may be subsequently updated as part of the subgroup assessment. The latest updates on these substances are found on the respective Substance Groupings Initiative web pages.

List of substances included within the Substance Groupings Initiative

<u>CAS RN</u>	Chemical substances	Substance Groupings Initiative
12236-64-5	Pigment Orange 38	Certain Monoazo Pigments
43035-18-3	Pigment Red 247	
59487-23-9	Pigment Red 187	

Risk management action milestones

The [risk management action milestones](#) table outlines the risk management actions that were proposed for each chemical substance in this batch of the Challenge that met the criteria of section 64 of CEPA 1999. These proposed risk management actions were

published in the risk management approaches for these substances. For the complete wording of these proposed actions, please refer to the risk management approaches.

Adding substances to Schedule 1

Nine substances in this batch were proposed to be added to Schedule 1. One substance, CHPD, was proposed to be added to Schedule 1; however new evidence in the form of data on bioaccumulation has led to the re-evaluation of the risks, conclusions and final decision previously published. The former recommendation to add CHPD to Schedule 1 to CEPA 1999 is annulled. Therefore, 5 substances and 1 group of 3 substances in this batch have been included in final orders to add to Schedule 1.

- Final order adding 5 substances and 1 group of 3 substances: *Canada Gazette, Part II: Vol. 144, No. 10 – May 12, 2010*

Applying Significant New Activity provisions

View the Significant New Activity Publications under the *Canadian Environmental Protection Act, 1999*. Orders are subject to potential amendments under the Significant New Activity (SNAc) Review.

- Order amending the Domestic Substances List (DSL) that applies to 4 substances (CAS RNs 75-56-9, 106-88-7, 120-80-9 and 123-31-9) : *Canada Gazette, Part II: Vol. 145, No. 26 – December 21, 2011*

For additional guidance on submitting information required as part of SNAc notifications, please see the Guidelines for the Notification and Testing of New Substances: Chemicals and Polymers.

Varying the requirements under the Significant New Activity provisions

In January 2017, a notice of intent to amend the DSL to vary the SNAc requirements for methyloxirane (CAS RN 75-56-9), ethyloxirane (CAS RN 106-88-7), and hydroquinone (CAS RN 123-31-9) was published in the *Canada Gazette, Part I: Vol. 151, No. 2 – January 14, 2017*. The proposed amendments are an outcome of the SNAc Review. The DSL amendments are not in force until the final order is adopted by the Minister of the Environment and Climate Change pursuant to subsection 87(3) of CEPA 1999. The final order will be published in the *Canada Gazette, Part II*. Any current SNAc requirements remain in effect until such time as the final order is published.

Significant New Activity Notification risk assessment summaries

One substance in this batch has been assessed for new activities notified through a Significant New Activity Notification (SNAN). One [Significant New Activity Notification risk assessment summary has been published.](#)

- [Significant New Activity Notification Risk Assessment Summary for Hydroquinone](#)

Summary of Batch 1 substances and publications

Substances that meet one or more criteria in section 64 of CEPA 1999 (2008-2011)

<u>CAS RN</u>	Chemical substance	<u>Final order and RIAS</u>	Public comments on the proposed risk management approach	Final screening assessment	Proposed risk management approach	Public comments on the draft screening assessment and risk management scope
75-56-9	<u>Methyloxirane</u>	<u>PDF</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
91-08-7	<u>TDIs</u>	<u>PDF</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
91-20-3	<u>Naphthalene</u>	<u>PDF</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
106-88-7	<u>Ethyloxirane</u>	<u>PDF</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
120-80-9	<u>Catechol</u>	<u>PDF</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
123-31-9	<u>Hydroquinone</u>	<u>PDF</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
584-84-9	<u>TDIs</u>	<u>PDF</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
26471-62-5	<u>TDIs</u>	<u>PDF</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>

Substances that do not meet any of the criteria in section 64 of the CEPA 1999 (2008-2011)

CAS RN	Chemical substance	Final screening assessment	Public comments
78-63-7	<u>DMHBP</u>	<u>HTML</u>	<u>HTML</u>
1068-27-5	<u>DMBP</u>	<u>HTML</u>	<u>HTML</u>
6731-36-8	<u>DBTMC</u>	<u>HTML</u>	<u>HTML</u>
12236-64-5	<u>Pigment Orange 38</u>	<u>HTML</u>	<u>HTML</u>
43035-18-3	<u>Pigment Red 247:1</u>	<u>HTML</u>	<u>HTML</u>
54079-53-7	<u>CHPD</u>	<u>HTML</u>	<u>HTML</u>
59487-23-9	<u>Pigment Red 187</u>	<u>HTML</u>	<u>HTML</u>

Timelines

Date	Substances affected	Activity
June 24, 2023	CAS RNs 91-08-7, 75-56-9 and 91-20-3	Publication in <i>Canada Gazette</i> , Part I, of a notice under section 71 of CEPA 1999.
February 16, 2019	CAS RNs 91-08-7, 584-84-9 and 26471-62-5	Publication in <i>Canada Gazette</i> , Part I, of the final pollution prevention (P2) planning notice for TDIs. This notice replaces the previous P2 planning notice for TDIs used in the polyurethane and other foam sector (published in November 2011).
March 24, 2018	CAS RNs 91-08-7, 584-84-9 and 26471-62-5	Publication in <i>Canada Gazette</i> , Part I, of a proposed pollution prevention (P2) planning notice for TDIs and start of a 60-day public comment period.
April 1, 2017	CAS RNs 91-08-7, 584-84-9, 26471-62-5	Publication in <i>Canada Gazette</i> , Part I, of a notice under section 71 of CEPA 1999. The notice applies to 50 substances that are toxic as defined under section 64 of CEPA 1999.
January 14, 2017	CAS RNs 75-56-9, 106-88-7 and 123-31-9	Publication in the <i>Canada Gazette</i> , Part I, of a notice of intent to amend the DSL to vary the SNAC requirements, and start of 60-day public comment period.
September 9, 2016	CAS RN 123-31-9	Publication of a SNAN risk assessment summary.

Date	Substances affected	Activity
December 21, 2011	CAS RNs 75-56-9, 106-88-7, 120-80-9 and 123-31-9	Publication in <i>Canada Gazette</i> , Part II, of an order amending the DSL to apply the SNAC provisions of CEPA 1999.
November 26, 2011	CAS RNs 91-08-7, 584-84-9 and 26471-62-5	Publication in <i>Canada Gazette</i> , Part I, of the final P2 planning notice for TDIs used in the polyurethane and other foam sector.
September 10, 2011	CAS RNs 54079-53-7	Publication in <i>Canada Gazette</i> , Part I, of final assessment decisions under subsection 77(6) for CHPD.
July 3, 2010	CAS RNs 91-08-7, 584-84-9 and 26471-62-5	Publication in <i>Canada Gazette</i> , Part I, of a proposed P2 planning notice for TDIs used in the polyurethane and other foam sector, and start of 60-day public comment period.
July 3, 2010	CAS RNs 75-56-9, 106-88-7, 120-80-9 and 123-31-9	Publication in <i>Canada Gazette</i> , Part I, of a notice of intent to amend the DSL to apply the SNAC provisions of CEPA 1999, and start of 60-day public comment period.
July 3, 2010	CAS RN 54079-53-7	Publication in <i>Canada Gazette</i> , Part I, and start of 60-day public comment period on (a) the draft screening assessment and (b) the proposal to pursue one of the measures as specified under subsection 77(2).
May 12, 2010	CAS RNs 75-56-9, 106-88-7, 91-20-3, 26471-62-5, 584-84-9, 91-08-7, 120-80-9 and 123-31-9	Publication in <i>Canada Gazette</i> , Part II, of a final order adding substances to Schedule 1.
September 20, 2008	CAS RNs 54079-53-7, 75-56-9, 106-88-7, 91-20-3, 26471-62-5, 584-84-9, 91-08-7, 120-80-9 and 123-31-9	Publication in <i>Canada Gazette</i> , Part I, of a proposed order adding substances to Schedule 1, and start of 60-day public comment period.
July 5, 2008	All Batch 1 substances	Publication in <i>Canada Gazette</i> , Part I, of final assessment decisions under subsection 77(6), release of the proposed risk management approaches, and start of 60-day public comment period on the proposed risk management approaches.

Date	Substances affected	Activity
January 19, 2008	All Batch 1 substances	Publication in <i>Canada Gazette</i> , Part I, and start of 60-day public comment period on (a) the draft screening assessments, (b) the proposal to pursue one of the measures as specified under subsection 77(2) and (c) the risk management scope documents.
August 2, 2007	All Batch 1 substances	Deadline for submission of additional information by interested stakeholders, including on the extent and nature of the management/stewardship of Batch 1 substances.
June 5, 2007	All Batch 1 substances	Deadline for submission of information under the section 71 Notice on Batch 1 substances (if no extension granted).
February 3, 2007	All Batch 1 substances	Release of Batch 1 of the Challenge and the accompanying technical documents.

Final screening assessments and risk management approaches

In September 2011, the revised final screening assessment on CHPD was released and the related notice was published in the *Canada Gazette*, Part I: Vol. 145, No. 37 – September 10, 2011. This publication is pursuant to a notice of objection, received in November 2008, concerning the proposed order adding CHPD to Schedule 1 of the *Canadian Environmental Protection Act, 1999*.

In July 2008, the final screening assessments for this batch were released and the related notices were published in the *Canada Gazette*, Part I: Vol. 142, No. 27 – July 5, 2008. Proposed risk management approaches were also released on these dates for the substances in this batch which met the criteria in section 64 of CEPA 1999.

The final screening assessments (published in July 2008) concluded that 9 substances in this batch meet one or more criteria in section 64 of CEPA 1999. The Government proposed to add these substances to Schedule 1 to the Act. However, new evidence in the form of data on bioaccumulation has led to the re-evaluation of the risks, conclusions and final decision previously published for 1 of these substances, CHPD. The former recommendation to add CHPD to Schedule 1 and to the Virtual Elimination List is annulled.

Draft screening assessments and risk management scopes

New information was received from industry or interested stakeholders for each of the 15 substances in this batch. In January 2008, the draft screening assessments were released and the related notices were published in the *Canada Gazette, Part I: Vol. 142, No. 3 – January 19, 2008*. Risk management scopes were also released in conjunction with these publications.

New evidence in the form of data on bioaccumulation has led to the re-evaluation of the risks, conclusions and final decision previously published regarding 1 substance (CHPD). The previous draft screening assessment published in July 2008 is annulled. In July 2010, the draft screening assessment was released and the related notice was published in the *Canada Gazette: Vol. 144, No. 27 – July 3, 2010* for a 60-day public comment period.

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