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Chemical substances in Batch 11 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 1 substance in this batch, BENPAT (CAS RN 68953-84-4). More information is available on the [Information gathering with respect to certain substances under the Chemicals Management Plan](#) web page.

2018 Mandatory survey - section 71 notice

In August 2018, a notice was issued in the [Canada Gazette, Part I: Vol. 152, No. 34 - August 25, 2018](#) under section 71 of CEPA 1999. This notice applied to 1 substance in this batch, BENPAT (CAS RN 68953-84-4).

[A summary of the information received as well as a compilation of non-confidential information received in Excel and CVS formats for the data gathering initiative on BENPAT](#) is available via the [Government of Canada Open Data Portal](#).

2017 Mandatory survey - section 71 notice

In April 2017, a notice was issued in the [Canada Gazette, Part I: Vol. 151, No. 13 - April 1, 2017](#) under section 71 of CEPA 1999. This notice applied to one substance in this batch, PREPOD (CAS RN 68412-48-6), as well as approximately 30 other substances that are toxic or proposed to be toxic as defined under section 64 of CEPA 1999.

2009 Mandatory survey - section 71 notice

In September 2009, a notice was issued in the [Canada Gazette, Part I: Vol. 143, No. 39 - September 26, 2009](#) under section 71 of CEPA 1999. This notice applied to all 16 substances in this batch.

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 the [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.

Ecological State of the Science Report on DEHA

In October 2013, based on new information that was made available after the original screening assessment, an Ecological State of the Science report on DEHA was released. The notice was published in the Canada Gazette, Part I: Vol. 147 No. 41 - October 12, 2013 for a 60-day public comment period.

Adding substances to Schedule 1

Three substances in this batch (DEHA, PREPOD, and BENPAT) were initially proposed to be added to Schedule 1. Following the publication of the proposed order for their addition to Schedule 1, notices of objection and requests for the establishment of boards of review were received for 2 of these substances (DEHA and BENPAT). Both requests to establish boards of review were declined.

- Final order adding BENPAT: Canada Gazette, Part II: Vol. 153, No. 13 - June 26, 2019.
- Final order adding DEHA and PREPOD: Canada Gazette, Part II: Vol. 150, No. 25 - December 14, 2016.

Reduced regulatory requirement polymer criteria

Two substances in this batch (MVTFS and MHDnMH) meet the reduced regulatory requirements (RRR) polymer criteria as specified in the New Substances Notification Regulations (NSNR). Therefore, it is recommended that the Domestic Substances List (DSL) be amended to indicate that these substances meet the RRR polymer criteria (apply a "P" flag). Should other forms of these polymers, not meeting the RRR polymer criteria, be introduced on the Canadian market, those polymers would be considered not listed on the DSL, and subject to the requirements of the NSNR. One order has been published.

- Order amending the DSL that applies to MVTFS and MHDnMH substances: Canada Gazette, Part II: Vol. 145, No. 19 - September 14, 2011

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 DSL that applies to 6 substances (CAS RNs 603-33-8, 10448-09-6, 40615-36-9, 64111-81-5, 69430-47-3 and 125328-28-1): Canada Gazette, Part II: Vol. 145, No. 19 - September 14, 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 July 2019, a notice of intent to amend the DSL to vary the requirements under the SNAC provisions for 4 substances in this batch (CAS RNs 603-33-8, 40615-36-9, 64111-81-5 and 125328-28-1) was published in the [Canada Gazette, Part I: Vol. 153, No. 30 - July 27, 2019](#) for a 60-day public comment period. The proposed amendments are an outcome of the SNAC Review. The DSL amendments do not come into force until the final order is published in the *Canada Gazette, Part II*. Any current requirements under the SNAC provisions remain in effect until then.

In January 2017, a notice of intent to amend the DSL to vary the requirements under the SNAC provisions for phenyl-D4 (CAS RN 10448-09-6) was published in the [Canada Gazette, Part I: Vol. 151, No. 2 - January 14, 2017](#) for a 60-day public comment period. The proposed amendments are an outcome of the SNAC Review. The DSL amendments do not come into force until the final order is published in the *Canada Gazette, Part II*. Any current requirements under the SNAC provisions remain in effect until then.

Rescinding the requirements under the Significant New Activity provisions

In January 2017, the requirements under the SNAC provisions for MDnM-hydrate (CAS RN 69430-47-3) were proposed to be rescinded. This substance was subject to the SNAC provisions as a result of the 2011 screening assessment of substances in this batch. It was later included in the [Consumer Product and Stakeholder Priority SNAC Review Group](#), under the SNAC Review. That review led to the recommendation that the requirements under the SNAC provisions for this substance be rescinded. Also, recent industry surveys revealed that commercial activity for this substance is low, and therefore the likelihood for exposure to humans or the environment is also low. Therefore, a notice of intent to amend the DSL to rescind the requirements under the SNAC provisions was published in the [Canada Gazette, Part I: Vol. 151, No. 2 - January 14, 2017](#) for a 60-day public comment period. Current SNAC requirements remain in effect until the final order is published in the *Canada Gazette, Part II*.

Summary of Batch 11 substances and publications

Substances that meet one or more criteria in section 64 of CEPA 1999

<u>CAS RN</u>	<u>Chemical substance</u>	<u>Final order and RIAS</u>	<u>Final screening assessment</u>	<u>Public comments on the proposed risk management approach</u>	<u>Proposed risk management approach</u>	<u>Public comments on the draft screening assessment and risk management scope</u>
103-23-1	<u>DEHA</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
68412-48-6	<u>PREPOD</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
68953-84-4	<u>BENPAT</u>	<u>HTML</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 CEPA 1999

<u>CAS RN</u>	<u>Chemical substance</u>	<u>Final screening assessment</u>	<u>Public comments</u>
98-01-1	<u>Furfural</u>	<u>HTML</u>	None
107-22-2	<u>Ethanedial</u>	<u>HTML</u>	<u>HTML</u>
140-88-5	<u>Ethyl acrylate</u>	<u>HTML</u>	<u>HTML</u>
149-57-5	<u>2-EHA</u>	<u>HTML</u>	None
603-33-8 *	<u>Triphenylbismuth</u>	<u>HTML</u>	None
10448-09-6 *	<u>Phenyl-D4</u>	<u>HTML</u>	None
40615-36-9 *	<u>Dimethoxytrityl chloride</u>	<u>HTML</u>	None

* Substances for which no response was received to the notice published in the *Canada Gazette*, Part I, Vol. 140, No. 9, under section 71 of CEPA 1999 on March 4, 2006, but for which stakeholders indicated in their declaration of non-engagement forms an interest in the substances.

CAS RN	Chemical substance	Final screening assessment	Public comments
64111-81-5 *	<u>Trichloro-2-hydroxydiphenyl ether</u>	<u>HTML</u>	None
68478-45-5	<u>BENTAX</u>	<u>HTML</u>	<u>HTML</u>
68952-02-3	<u>MVTFS</u>	<u>HTML</u>	<u>HTML</u>
69430-47-3	<u>MDnM-hydride</u>	<u>HTML</u>	None
70900-21-9	<u>MHDnMH</u>	<u>HTML</u>	None
125328-28-1 *	<u>PMEI</u>	<u>HTML</u>	None

* Substances for which no response was received to the notice published in the *Canada Gazette*, Part I, Vol. 140, No. 9, under section 71 of CEPA 1999 on March 4, 2006, but for which stakeholders indicated in their declaration of non-engagement forms an interest in the substances.

Timelines

Date	Substances affected	Activity
June 24, 2023	CAS RN 68953-84-4	Publication in <i>Canada Gazette</i> , Part I, of a notice under section 71 of CEPA 1999.
October 10, 2020	CAS RN 68953-84-4	Publication on the Open Data Portal of a summary of the information received in response to the data gathering initiative.
July 27, 2019	CAS RNs 603-33-8, 40615-36-9, 64111-81-5, and 125328-28-1	Publication in <i>Canada Gazette</i> , Part I, of a notice of intent to amend the DSL to vary the requirements under the SNAC provisions of CEPA 1999, and start of a 60-day public comment period.
June 26, 2019	CAS RN 68953-84-4	Publication in <i>Canada Gazette</i> , Part II, of a final order adding BENPAT to Schedule 1 of CEPA 1999.

Date	Substances affected	Activity
June 15, 2019	CAS RN 68412-48-6	Publication in <i>Canada Gazette</i> , Part I, of a notice requiring the preparation and implementation of pollution prevention plans in respect of PREPOD in industrial effluents.
August 25, 2018	CAS RN 68953-84-4	Publication in <i>Canada Gazette</i> , Part I, of a notice under section 71 of CEPA 1999.
July 14, 2018	CAS RN 68412-48-6	Publication in <i>Canada Gazette</i> , Part I, of a proposed notice requiring the preparation and implementation of pollution prevention plans in respect of PREPOD in industrial effluents, and start of 60-day public comment period.
April 1, 2017	CAS RN 68412-48-6	Publication in <i>Canada Gazette</i> , Part I, of a notice under section 71 of CEPA 1999. The notice applies to approximately 31 substances that are toxic or proposed to be toxic as defined under section 64 of CEPA 1999.
January 14, 2017	CAS RNs 10448-09-6 and 69430-47-3	Publication in the <i>Canada Gazette</i> , Part I, of a notice of intent to amend the DSL to vary the requirements under the SNAc provisions for CAS RN 10448-09-6, and to rescind the requirements under the SNAc provisions for CAS RN 69430-47-3, and start of 60-day public comment period.
December 14, 2016	CAS RNs 103-23-1 and 68412-48-6	Publication in <i>Canada Gazette</i> , Part II, of a final order adding 2 substances to Schedule 1.
October 12, 2013	CAS RN 103-23-1	Publication in <i>Canada Gazette</i> , Part I, of an Ecological State of the Science Report and start of 60-day public comment period.
October 15, 2011	CAS RNs 103-23-1, 68412-48-6 and 68953-84-4	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.
September 14, 2011	CAS RNs 68952-02-3 and 70900-21-9	Publication in <i>Canada Gazette</i> , Part II, of an order amending the DSL to indicate that 2 Batch 11 substances meet the RRR polymer criteria as specified in the NSNRs.

Date	Substances affected	Activity
September 14, 2011	CAS RNs 603-33-8, 10448-09-6, 40615-36-9, 64111-81-5, 69430-47-3 and 125328-28-1	Publication in <i>Canada Gazette</i> , Part II, of an order amending the DSL to apply the SNAc provisions of CEPA 1999.
September 10, 2011	All Batch 11 substances	Publication in <i>Canada Gazette</i> , Part I, of final assessment decisions under subsection CEPA 1999, release of Government's proposed risk management approaches, and start of 60-day public comment period on the proposed risk management approaches.
October 2, 2010	All Batch 11 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 proposals to pursue one of the measures as specified under subsection 77(2) and (c) the risk management scopes.
October 2, 2010	CAS RNs 603-33-8, 10448-09-6, 40615-36-9, 64111-81-5, 69430-47-3 and 125328-28-1	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.
October 2, 2010	CAS RNs 68952-02-3 and 70900-21-9	Publication in <i>Canada Gazette</i> , Part I, of a notice of intent to amend the DSL to indicate that 2 substances meet the RRR polymer criteria, and start of 60-day public comment period.
March 25, 2010	All Batch 11 substances	Deadline for submission of additional information by interested stakeholders, including on the extent and nature of the management/stewardship of Batch 11 substances.
January 26, 2010	All Batch 11 substances	Deadline for submission of information under the section 71 notice on Batch 11 substances (if no extension granted).
September 26, 2009	All Batch 11 substances	Release of Batch 11 of the Challenge and the accompanying technical documents.

Final screening assessment and risk management approaches

In September 2011, the final screening assessments for this batch were released and the related notices were published in the [Canada Gazette, Part I: Vol. 145, No. 37 - September 10, 2011](#).

The final screening assessments concluded that 3 substances in this batch meet one or more criteria in section 64 of CEPA 1999. The Government has added these substances to Schedule 1 to the Act. In addition, 1 of these substances (CAS RN 68412-48-6), has been found to meet the criteria for [virtual elimination](#) under subsection 77(4) of the Act, and therefore is being proposed for addition to the [Virtual Elimination List](#). Proposed risk management approaches were also released on this date for the substances in this batch which met the criteria in section 64 of CEPA 1999.

Draft screening assessments and risk management scopes

New information was received from industry or interested stakeholders for each of the 16 substances in this batch. In October 2010, the draft screening assessments were released and the related notices were published in the [Canada Gazette, Part I: Vol. 144, No. 40 - October 2, 2010](#). Risk management scopes were also released in conjunction with these publications.

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