



[Canada.ca](#) > [Health](#) > [Product safety](#) > [Chemical safety](#) > [Chemical substances](#)

> ["Challenge" for chemical substances that are high priority for action](#)

Chemical substances in Batch 3 of the Challenge

Topics

- [Chemicals at a glance - Batch 3 substances](#)
- [Canadian Environmental Protection Act, 1999 - fact sheets](#)

On this page

- [Information gathering](#)
 - [Section 71 Chemicals Management Plan 2023](#)
 - [2007 Mandatory survey – section 71 notice](#)
- [Substance Groupings Initiative](#)
- [Risk management action milestones](#)
- [Performance measurement](#)
- [Adding substances to Schedule 1](#)
- [Applying Significant New Activity provisions](#)
- [Varying the requirements under the Significant New Activity provisions](#)
- [Rescinding the requirements under the Significant New Activity provisions](#)
- [Summary of Batch 3 substances and publications](#)
- [Timelines](#)
- [Final screening assessments and risk management approaches](#)
- [Draft screening assessments and risk management scopes](#)

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, DEGME (CAS RN 111-77-3). More information is available on the [Information gathering with respect to certain substances under the Chemicals Management Plan](#) web page.

2007 Mandatory survey – section 71 notice

In August 2007, a notice was published in the [Canada Gazette, Part I: Vol. 141, No. 33 - August 18, 2007](#) under section 71 of CEPA 1999. This notice applied to all 19 substances in this batch.

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

CAS RN	Chemical substances	Substance Groupings Initiative
2425-85-6	Pigment Red 3	Monoazo pigments
2814-77-9	Pigment Red 4	
3468-63-1	Pigment Orange 5	
6410-09-9	Pigment Orange 2	
6410-13-5	Pigment Red 6	
6410-41-9	Pigment Red 5	
74336-60-0	Pigment Red 251	

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.

Performance measurement

Conducting [performance measurement](#) evaluations allows the Government to assess whether the risk management actions taken on substances found to be toxic under CEPA 1999 were appropriate in meeting risk management objectives, or whether adjustments would help to protect Canadians and their environment. Performance measurement evaluation reports for substances in this batch with risk management actions will be published as they become available.

Adding substances to Schedule 1

Four substances in this batch have been included in final orders to add to [Schedule 1](#).

- Final order adding 4 substances (CAS RNs 110-49-6, 111-77-3, 1589-47-5 and 2425-85-6): [Canada Gazette, Part II: Vol. 145, No. 4 - February 16, 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 2-MEA (CAS RN 110-49-6), DEGME (CAS RN 111-77-3) and Pigment Red 3 (CAS RN 2425-85-6): [Canada Gazette, Part II: Vol. 146 No. 21 - October 10, 2012](#)
- Order amending the DSL that applies to 2-EEA (CAS RN 111-15-9): [Canada Gazette, Part II: Vol. 144, No. 23 - November 10, 2010](#)
- Order amending the DSL that applies to Disperse Blue 19 (CAS RN 4395-65-7) and PDDAM (CAS RN 60352-98-9) and Pigment Red 251 (CAS RN 74336-60-0): [Canada Gazette, Part II: Vol. 143, No. 6 - March 18, 2009](#)

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, an order amending the DSL to vary the requirements under the SNAc provisions for Disperse Blue 19 (CAS RN 4395-65-7) and PDDAM (CAS RN 60352-98-9) 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 November 2017, a notice of intent to amend the DSL to vary the requirements under the SNAc provisions for DEGME (CAS RN 111-77-3) was published in the [Canada Gazette, Part I: Vol. 151, No. 47 - November 25, 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.

In January 2016, a notice of intent to amend the DSL to vary the requirements under the SNAc provisions for 2-ethoxyethanol acetate (CAS RN 111-15-9) and Pigment Red 3 (CAS RN 2425-85-6) was published in the [Canada Gazette, Part I: Vol. 151, No. 2 - January 14, 2016](#) 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 October 2016, the requirements under the SNAc provisions for Pigment Red 251 (CAS RN 74336-60-0) were rescinded. Pigment Red 251 was subject to the SNAc provisions as a result of the 2009 screening assessment of substances in this batch. Pigment Red 251 was later included in the [Certain Monoazo Pigments](#) Subgroup. The 2016 assessment of that subgroup concluded that Pigment Red 251 does not pose a risk to the environment or to human health. Therefore, an order amending the DSL to rescind the requirements under the SNAc provisions for Pigment Red 251 was published in the [Canada Gazette, Part II: Vol. 150, No. 21 - October 19, 2016](#).

Summary of Batch 3 substances and publications

Substances that meet one or more criteria in section 64 of the CEPA 1999 (2009)

CAS RN	Chemical substance	Performance measurement evaluation report	Final order and RIAS	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
110-49-6	2-Methoxyethanol acetate	None	HTML	HTML	HTML	HTML	HTML
111-77-3	DEGME	None	HTML	HTML	HTML	HTML	HTML
1589-47-5	2-Methoxy-1-propanol	None	HTML	HTML	HTML	HTML	HTML
2425-85-6	Pigment Red 3	HTML	HTML	HTML	HTML	HTML	HTML

Substances that do not meet any of the criteria in section 64 of CEPA 1999 (2009)

CAS RN	Chemical substance	Final screening assessment	Public comments
81-68-5	Disperse Red 86	HTML	HTML
111-15-9	2-Ethoxyethanol acetate	HTML	HTML
1594-08-7	Disperse Violet 57	HTML	HTML
2814-77-9	Pigment Red 4	HTML	HTML
3468-63-1	Pigment Orange 5	HTML	HTML
4395-65-7	Disperse Blue 19	HTML	None
6410-09-9	Pigment Orange 2	HTML	HTML
6410-13-5	Pigment Red 6	HTML	HTML
6410-41-9	Pigment Red 5	HTML	HTML
6471-01-8	Acid Blue 127	HTML	HTML
20241-76-3	Disperse Blue 77	HTML	HTML
25155-25-3	PBMBDP	HTML	HTML
60352-98-9	PDDAM	HTML	None
72243-90-4	Acid Violet 48	HTML	HTML
74336-60-0	Pigment Red 251	HTML	None

Timelines

Date	Substances affected	Activity

Date	Substances affected	Activity
June 24, 2023	CAS RN 111-77-3	Publication in <i>Canada Gazette</i> , Part I, of a notice under section 71 of CEPA 1999.
July 27, 2020	CAS RN 2425-85-6	Publication of the performance measurement evaluation report.
July 27, 2019	CAS RNs 4395-65-7 and 60352-98-9	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, and start of 60-day public comment period.
November 25, 2017	CAS RN 111-77-3	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, and start of 60-day public comment period.
January 14, 2017	CAS RNs 111-15-9 and 2425-85-6	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, and start of 60-day public comment period.
November 5, 2016	CAS RN 111-77-3	<p>Publication of a <u>Code of Practice for a Recommended Concentration of 2-(2-methoxyethoxy) Ethanol (DEGME) in Surface Coating Materials Available to Consumers in Canada</u>.</p> <p>The corresponding notice was published in <u>Canada Gazette, Part I: Vol. 150, No. 45 - November 5, 2016</u></p>
October 19, 2016	CAS RN 74336-60-0	Publication in <i>Canada Gazette</i> , Part II, of a final order rescinding the requirements under the SNAc provisions of CEPA 1999.
May 9, 2015	CAS RN 111-77-3	<p>Publication of the consultation document on the Proposed Code of Practice for a Recommended Concentration of 2-(2-methoxyethoxy) Ethanol (DEGME) in Surface Coating Materials Available to Consumers in Canada (published under CEPA 1999) and start of 60-day public comment period.</p> <p>The corresponding notice was published in <u>Canada Gazette, Part I: Vol. 149, No. 19 - May 9, 2015</u>.</p>
October 10, 2012	CAS RNs 110-49-6, 111-77-3 and 2425-85-6	Publication in <i>Canada Gazette</i> , Part II, of an order amending the DSL to apply the SNAc provisions of CEPA 1999.
April 2, 2011	CAS RNs 110-49-6, 111-77-3 and 2425-85-6	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.
February 16, 2011	CAS RNs 110-49-6, 111-77-3, 1589-47-5 and 2425-85-6	Publication in <i>Canada Gazette</i> , Part II, of a final order adding 4 substances to Schedule 1.
November 10, 2010	CAS RN 111-15-9	Publication in <i>Canada Gazette</i> , Part I, of an order amending the DSL to apply the SNAc provisions of CEPA 1999.
May 16, 2009	CAS RNs 110-49-6, 111-77-3, 1589-47-5 and 2425-85-6	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.

Date	Substances affected	Activity
March 18, 2009	CAS RNs 4395-65-7, 60352-98-9 and 74336-60-0	Publication in <i>Canada Gazette</i> , Part II, of an order amending the DSL to apply the SNAc provisions of CEPA 1999.
March 7, 2009	All Batch 3 substances	Publication in <i>Canada Gazette</i> , Part I, of final assessment decision under subsection 77(6), release of proposed risk management approach, and start of 60-day public comment period on the proposed risk management approach.
March 7, 2009	CAS RN 111-15-9	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.
August 23, 2008	All Batch 3 substances	Publication in <i>Canada Gazette</i> , Part I, and start of 60-day public comment period on (a) the draft screening assessment, (b) the proposal to pursue one of the measures as specified under subsection 77(2) and (c) the risk management scopes.
August 23, 2008	CAS RNs 4395-65-7, 60352-98-9 and 74336-60-0	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.
February 19, 2008	All Batch 3 substances	Deadline for submission of additional information by interested stakeholders, including on the extent and nature of the management/stewardship of Batch 3 substances.
December 18, 2007	All Batch 3 substances	Deadline for submission of information under the section 71 notice on Batch 3 substances (if no extension granted).
August 18, 2007	All Batch 3 substances	Release of Batch 3 of the Challenge and the accompanying technical documents.

Final screening assessments and risk management approaches

In March 2009, the final screening assessments for this batch were released and the related notices were published in the [*Canada Gazette*, Part I: Vol. 143, No. 10 - March 7, 2009](#).

The final screening assessments concluded that 4 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. 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.

Draft screening assessments and risk management scopes

New information was received from industry or interested stakeholders for each of the 19 substances in this batch. In August 2008, the draft screening assessments were released and the related notices were published in the [*Canada Gazette*, Part I: Vol. 142, No. 34 - August 23, 2008](#). Risk management scopes were also released in conjunction with these publications.

Date modified:

2023-06-28