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Chemical substances in Batch 7 of the Challenge

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Consultation on proposed new risk management actions

In July 2022, the [Consultation Document on Proposed New Risk Management Actions for 2-Butanone, oxime](#) was published for a public comment period, ending on October 13, 2022. The purpose of this document is to consult interested stakeholders on proposed new risk management actions for 2-butanone, oxime (butanone oxime CAS RN 96-29-7) used in certain products available to consumers, particularly, paints and coatings; stains and finishes; and adhesives and sealants. Additional information is available on the [Health-related consultations web page](#).

This consultation is taking place as a result of the [performance measurement evaluation](#), published in July 2020. The evaluation concluded that the risk management actions taken have not achieved their objective. As such, new risk management actions for butanone oxime are proposed.

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, 2-butanone, oxime (CAS RN 96-29-7). More information is available on the [Information gathering with respect to certain substances under the Chemicals Management Plan](#) web page.

2019 Voluntary information gathering

In May 2019, a voluntary information gathering questionnaire was distributed to certain stakeholders regarding 1 substance in this batch, 2-butanone, oxime (CAS RN 96-29-7). Information received through this questionnaire is being gathered to evaluate risk management measures established under the Code of Practice for 2-Butanone, oxime (Butanone oxime) Associated with the Interior Application of Consumer Alkyd Paint and Coating Products. The questionnaire applied to those who, during the 2018 calendar year, manufactured, imported or sold interior or dual use (interior/exterior) consumer alkyd paint and coating products containing Butanone oxime or were responsible for ensuring their compliance with Canadian labelling requirements.

2008 Mandatory survey - section 71 notice

In August 2008, a notice was issued in Canada Gazette, Part I: Vol.142, No.35 - August 30, 2008 under section 71 of CEPA 1999. This notice applied to all 14 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 the 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
29398-96-7	Pigment Brown 22	<u>Diarylide Yellow Pigments</u>
6407-74-5	Pigment Yellow 60	<u>Monoazo Pigments</u>
6407-78-9	Solvent Yellow 18	<u>Azo Solvent Dyes</u>
16586-42-8	Disperse Violet 52; Disperse Red 179	<u>Azo Disperse Dyes</u>
25176-89-0	DAPEP	
72968-82-2	DADM	
106276-78-2	MATCB	

Risk management action milestones

The risk management action milestones table outlines the risk management actions that were proposed for the chemical substances 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 effective 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

Three substances in this batch have been included in final orders to add to Schedule 1.

- Final order adding Michler's ketone (CAS RN 90-94-8), butanone oxime (CAS RN 96-29-7) and n-BGE (CAS RN 2426-08-6): *Canada Gazette, Part II: Vol. 145, No. 26 - December 21, 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 Domestic Substances List (DSL) that applies to Michler's ketone (CAS RN 90-94-8) and n-BGE (CAS RN 2426-08-6): *Canada Gazette, Part II: Vol. 147, No. 18 - August 28, 2013*
- Order amending the DSL that applies to 5 substances (CAS RNs 1325-86-6, 6407-74-5, 6407-78-9, 6786-83-0 and 29398-96-7): *Canada Gazette, Part II: Vol. 144, No. 7 - March 31, 2010*

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 Solvent Blue 5 (CAS RN 1325-86-6) 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 SNAc requirements for Michler's ketone (CAS RN 90-94-8) and n-BGE (CAS RN 2426-08-6) 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 October 2016, the requirements under the SNAc provisions for Solvent Yellow 18 (CAS RN 6407-78-9) and Pigment Yellow 60 (CAS RN 6407-74-5) were rescinded. Solvent Yellow 18 and Pigment Yellow 60 were subject to the SNAc provisions as a result of the 2010 screening assessment of substances in this batch. Solvent Yellow 18 was later included in the *Certain Azo Solvent Dyes* Subgroup, and Pigment Yellow 60 was included in the *Certain Monoazo Pigments* Subgroup. The 2016 assessment of those subgroups concluded that Solvent Yellow 18 and Pigment Yellow 60

do not pose a risk to the environment or human health. Therefore, an order amending the DSL to rescind the requirements under the SNAC provisions for these substances was published in the *Canada Gazette*, Part II: Vol. 150, No. 21 - October 19, 2016.

Summary of Batch 7 substances and publications

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

<u>CAS RN</u>	Chemical substance	Performance measurement evaluation report	Final order and <u>RIAS</u>	Public comments on the proposed risk management approach	Final screening assessment
90-94-8	<u>Michler's ketone</u>	None	<u>HTML</u>	None	<u>HTML</u>
96-29-7	<u>Butanone oxime</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>	<u>HTML</u>
2426-08-6	<u>n-BGE</u>	None	<u>HTML</u>	None	<u>HTML</u>

Substances that do not meet any of the criteria in section 64 of CEPA 1999 (2010)

<u>CAS RN</u>	Chemical substance	Final screening assessment	Public comments
78-59-1	<u>Isophorone</u>	<u>HTML</u>	<u>HTML</u>

<u>CAS RN</u>	Chemical substance	Final screening assessment	Public comments
123-91-1	<u>1,4-Dioxane</u>	<u>HTML</u>	<u>HTML</u>
1325-86-6	<u>Solvent Blue 5</u>	<u>HTML</u>	None
6407-74-5	<u>Pigment Yellow 60</u>	<u>HTML</u>	None
6407-78-9	<u>Solvent Yellow 18</u>	<u>HTML</u>	None
6786-83-0	<u>Solvent Blue 4</u>	<u>HTML</u>	None
16586-42-8	<u>NBATP</u>	<u>HTML</u>	None
25176-89-0	<u>DAPEP</u>	<u>HTML</u>	None
29398-96-7	<u>Pigment Brown 22</u>	<u>HTML</u>	None
72968-82-2	<u>DADM</u>	<u>HTML</u>	None
106276-78-2	<u>MATCB</u>	<u>HTML</u>	None

Timelines

Date	Substances affected	Activity
June 24, 2023	CAS RN 96-29-7	Publication in <i>Canada Gazette</i> , Part I, of a notice under section 71 of CEPA 1999.
July 15, 2022	CAS RN 96-29-7	Publication of the Consultation Document on Proposed New Risk Management Actions for 2-Butanone, oxime and start of a public comment period.
July 21, 2020	CAS RN 96-29-7	Publication of the performance measurement evaluation report.
July 27, 2019	CAS RN 1325-86-6	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 of CEPA 1999, and start of a 60-day public comment period.
May 21, 2019	CAS RN 96-29-7	Distribution of a voluntary information gathering questionnaire to certain stakeholders.
January 14, 2017	CAS RNs 90-94-8 and 2426-08-6	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 of CEPA 1999, and start of 60-day public comment period.
October 19, 2016	CAS RNs 6407-78-9 and 6407-74-5	Publication in <i>Canada Gazette</i> , Part II, of a final order rescinding the requirements under the SNAC provisions of CEPA 1999.

June 28, 2014	CAS RN 96-29-7	<p>Publication of final <u>Code of Practice for 2-Butanone, oxime (Butanone oxime) Associated with the Interior Application of Consumer Alkyd Paint and Coating Products</u>. Comments and the Government's response are summarized in the <u>Response to Comments on Proposed Code of Practice for 2-Butanone, oxime (butanone oxime)</u>.</p> <p>The corresponding notice was published in the <u>Canada Gazette, Part I: Vol. 148, No. 26</u>.</p>
August 28, 2013	CAS RNs 90-94-8 and 2426-08-6	Publication in <i>Canada Gazette, Part II</i> , of an order amending the DSL to apply the SNAc provisions of CEPA 1999.
January 25, 2013	CAS RN 96-29-7	Publication of <u>consultation document on the Proposed Code of Practice for 2-Butanone, Oxime (Butanone oxime) Associated with the Interior Application of Consumer Alkyd Paint and Coating Products</u> under CEPA 1999.
March 3, 2012	CAS RNs 90-94-8 and 2426-08-6	Publication in <i>Canada Gazette, Part I</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.
December 21, 2011	CAS RNs 90-94-8, 96-29-7 and 2426-08-6	Publication in <i>Canada Gazette, Part II</i> , of a final order adding 3 substances to Schedule 1.

May 1, 2010	CAS RNs 90-94-8, 96-29-7 and 2426-08-6	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.
March 31, 2010	CAS RNs 1325-86-6, 6407-74-5, 6407-78-9, 6786-83-0 and 29398-96-7	Publication in <i>Canada Gazette</i> , Part II, of an order amending the DSL to apply the SNAC provisions of CEPA 1999.
March 6, 2010	All Batch 7 substances	Publication in <i>Canada Gazette</i> , Part I, of the final assessment decision under subsection 68 and 77(6), release of Government's proposed risk management approaches, and start of 60-day public comment period on the proposed risk management approaches.
September 5, 2009	All Batch 7 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 new information received, (c) the proposal to pursue one of the measures as specified under subsection 77(2) and (d) the risk management scopes.
September 5, 2009	CAS RNs 6407-74-5, 6407-78-9, 1325-86-6, 6786-83-0 and 29398-96-7	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.

March 6, 2009	All Batch 7 substances	Deadline for submission of additional information by interested stakeholders, including on the extent and nature of the management/stewardship of Batch 7 substances.
January 13, 2009	All Batch 7 substances	Deadline for submission of information under the section 71 notice on Batch 7 substances (if no extension granted).
August 30, 2008	All Batch 7 substances	Release of Batch 7 of the Challenge and the accompanying technical documents.

Final screening assessments and risk management approaches

In March 2010, the final screening assessments for substances in this batch were released and the related notices were published in the *Canada Gazette, Part I: Vol. 144, No. 10 - March 6, 2010.*

The final screening assessments concluded that 3 substances in this batch meet one or more criteria in section 64 of CEPA 1999. The Government added these substances to Schedule 1 to the Act. 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 14 substances in this batch. In September 2009, the draft screening assessments were released and the related notices were

published in the *Canada Gazette, Part I: Vol. 143, No. 36 - September 5, 2009*. Risk management scopes were also released in conjunction with these publications.

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