Minamata Convention on Mercury

Annotated bibliography of WHO information



Minamata Convention on Mercury

Annotated bibliography of WHO information



Minamata convention on mercury: annotated bibliography of WHO information

ISBN 978-92-4-002263-8 (electronic version) ISBN 978-92-4-002264-5 (print version)

This publication is the update of the "Annotated bibliography of key information from the World Health Organization relevant to the Minamata Convention on Mercury" published in 2015 under WHO/FWC/PHE/EPE/15.54.

© World Health Organization 2021

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; https://creativecommons.org/licenses/by-nc-sa/3.0/igo).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited, as indicated below. In any use of this work, there should be no suggestion that WHO endorses any specific organization, products or services. The use of the WHO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: "This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization (http://www.wipo.int/amc/en/mediation/rules/).

Suggested citation. Minamata convention on mercury: annotated bibliography of WHO information. Geneva: World Health Organization; 2021. Licence: CC BY-NC-SA 3.0 IGO.

Cataloguing-in-Publication (CIP) data. CIP data are available at http://apps.who.int/iris.

Sales, rights and licensing. To purchase WHO publications, see http://apps.who.int/bookorders. To submit requests for commercial use and queries on rights and licensing, see http://www.who.int/about/licensing.

Third-party materials. If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

General disclaimers. The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by WHO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by WHO to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall WHO be liable for damages arising from its use.

Graphic design by Lushomo

Contents

Acknowledgements	IV		
Section 1. World Health Assembly resolution WHA67.11 on the Minamata Convention on Mercury			
Section 2. Overview of selected WHO information resources organized by articles of the Minamata Convention on Mercury	3		
Section 3. Description of contents of information resources	9		
Cross-cutting materials	9		
Medical measuring devices (thermometers and sphygmomanometers)	12		
Skin lightening products	14		
Dental amalgam	15		
Artisanal and small-scale gold mining (ASGM)	17		
Storage and waste	23		
Climate change, air, drinking water, and dietary intake	24		
Biomonitoring	28		
Methodologies for estimating exposure and health impacts	30		
Risk assessment information and health and safety information for workers	32		
Training materials	34		
Webpages	36		
Section 4. Additional resources relevant to the Minamata Convention on Mercury	38		
WHO advice on products excluded from the Minamata Convention Annex A on mercury-added products	39		

This document provides an annotated bibliography of World Health Organization (WHO) key information resources relevant to the Minamata Convention on Mercury and the associated World Health Assembly Resolution WHA67.11 *Public health impacts of exposure to mercury and mercury compounds: the role of WHO and ministries of public health in the implementation of the Minamata Convention*. [Arabic, Chinese, English, French, Russian, Spanish.]

Minamata Convention on Mercury Text and Annexes. Geneva: United Nations Environment Programme; 2017. Available at: https://www.mercuryconvention.org/Convention/Text/tabid/3426/language/en-US/Default.aspx

Acknowledgements

Thanks are extended to Dr Ellen Rosskam (Consultant, World Health Organization (WHO), Geneva, Switzerland) and Ms Carolyn Vickers (WHO, Geneva, Switzerland) for their technical contributions to this document.

Section 1. World Health Assembly resolution WHA67.11 on the Minamata Convention on Mercury

Resolution WHA67.11. Public health impacts of exposure to mercury and mercury compounds: the role of WHO and ministries of public health in the implementation of the Minamata Convention. In: Sixty-seventh World Health Assembly, Geneva, 19–24 May 2014. Geneva: WHO; 2014.

[Arabic, Chinese, English, French, Russian, Spanish] Available at: https://apps.who.int/iris/handle/10665/162849

Full text of the resolution follows.

The Sixty-seventh World Health Assembly,

Having considered the report on public health impacts of exposure to mercury and mercury compounds: the role of WHO and ministries of public health in the implementation of the Minamata Convention;

Recalling World Health Assembly resolutions WHA60.17 on oral health: action plan for promotion and integrated disease prevention, WHA63.25 on the improvement of health through safe and environmentally sound waste management, and WHA59.15 on the Strategic Approach to International Chemicals Management, as well as the strategy for strengthening the engagement of the health sector in the implementation of the strategic approach adopted by the International Conference on Chemicals Management at its third session;

Recognizing the importance of dealing effectively with the health aspects of the challenges that chemicals and wastes, including mercury, may pose, particularly to vulnerable populations, especially women, children, and, through them, future generations;

Recalling the renewed commitments on sustainable development set out in the outcome document of the United Nations Conference on Sustainable Development, Rio+20 (Rio de Janeiro, Brazil, 20–22 June 2012) entitled "The future we want", as well as the Adelaide Statement on Health in All Policies, of 2010, and the 8th Global Conference on Health Promotion, held in Helsinki in 2013, which promoted collaboration across all sectors to achieve healthy populations;

Taking note that negotiations on the text of a new multilateral environmental agreement on mercury were concluded in October 2013 with the adoption of the Minamata Convention on Mercury, being the first time that a multilateral environmental agreement includes a specific article on health, as well as other relevant provisions, and that the Convention places certain obligations on Parties that will require action, as applicable, by the health sector, together with other competent sectors, including the progressive phase-out, resulting from banning the manufacture, import or export by 2020, of mercury thermometers and

sphygmomanometers, of mercury-containing cosmetics, including skin-lightening soaps and creams, and mercury-containing topical antiseptics, measures to be taken to phase down mercury-added dental amalgam, and the development of public health strategies on the exposure to mercury of artisanal and small-scale gold miners and their communities:

Recalling that the objective of the Minamata Convention on Mercury is to protect human health and the environment from anthropogenic emissions and releases of mercury and mercury compounds;

Bearing in mind that the Minamata Convention on Mercury encourages Parties to: (a) promote the development and implementation of strategies and programmes to identify and protect populations at risk, particularly vulnerable populations, and which may include adopting science-based health guidelines relating to the exposure to mercury and mercury compounds, setting targets for mercury exposure reduction, where appropriate, and public education, with the participation of public health and other involved sectors; (b) promote the development and implementation of science-based educational and preventive programmes on occupational exposure to mercury and mercury compounds; (c) promote appropriate health care services for prevention, treatment and care for populations affected by the exposure to mercury or mercury compounds; and (d) establish and strengthen, as appropriate, the institutional and health professional capacities for the prevention, diagnosis, treatment and monitoring of health risks related to the exposure to mercury and mercury compounds;

Noting that the Minamata Convention on Mercury states that the Conference of the Parties, in considering health-related activities, should consult, collaborate and promote cooperation and exchange of information with WHO, ILO and other relevant intergovernmental organizations, as appropriate;

Thanking the Secretariat for its preparatory work, during the negotiations, analysing different risks and available substitutes, as well as analysing and identifying areas requiring additional or new effort, under the Minamata Convention, and encouraging further and continuous analysis and other efforts as may be needed,

- 1. WELCOMES the formal adoption by Parties of the Minamata Convention on Mercury in October 2013;
- 2. ENCOURAGES Member States:
 - (1) to take the necessary domestic measures promptly to sign, ratify and implement the Minamata Convention on Mercury, which sets out internationally legally binding measures to address the risks of mercury and mercury compounds to human health and the environment;
 - (2) to participate actively in national, regional and international efforts to implement the Minamata Convention on Mercury;
 - (3) to address the health aspects of exposure to mercury and mercury compounds in the context of their health sector uses, and also the other negative health impacts that should be prevented or treated, by ensuring the sound management of mercury and mercury compounds throughout their life cycle;
 - (4) to recognize the interrelation between the environment and public health in the context of the implementation of the Minamata Convention on Mercury and sustainable development;
 - (5) to promote appropriate health care services for prevention, treatment and care for populations affected by the exposure to mercury or mercury compounds, including effective risk communication strategies targeted at vulnerable groups, such as children and women of childbearing age, especially pregnant women;
 - (6) to ensure close cooperation between ministries of health and ministries of environment, as well as ministries of labour, industry, economy, agriculture and other ministries responsible for the implementation of aspects of the Minamata Convention on Mercury;

- (7) to facilitate the exchange of epidemiological information concerning health impacts associated with exposure to mercury and mercury compounds, in close cooperation with WHO and other relevant organizations, as appropriate;
- 3. REQUESTS the Director-General:
 - (1) to facilitate WHO's efforts to provide advice and technical support to Member States to support the implementation of the Minamata Convention on Mercury in all health aspects related to mercury, consistent with WHO's programme of work, in order to promote and protect human health;
 - (2) to provide support to Member States in developing and implementing strategies and programmes to identify and protect populations at risk, particularly vulnerable populations, which may include adopting science-based health guidelines relating to exposure to mercury and mercury compounds, setting targets for mercury exposure reduction, where appropriate, and public education, with the participation of health and other involved sectors;
 - (3) to cooperate closely with the Minamata Convention Intergovernmental Negotiating Committee, the Conference of the Parties and other international organizations and bodies, mainly, to fully support the implementation of the health-related aspects of the Minamata Convention on Mercury and to provide information to the Committee and Conference of the Parties on the progress made in this regard;
 - (4) to report in 2017 to the Seventieth World Health Assembly on progress in the implementation of this resolution.

预览已结束,完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5 23917



