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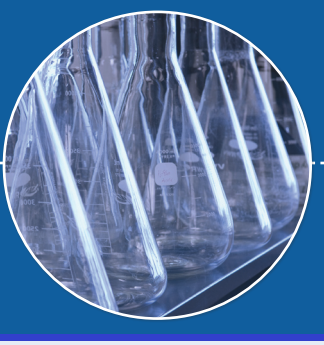
NSF/ANSI/CAN 60 - 2021

Drinking Water Treatment Chemicals - Health Effects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NSF International Standard /
American National Standard /
National Standard of Canada
for Drinking Water Additives –

Drinking Water Treatment Chemicals – Health Effects

Standard Developer
NSF International

ICS 13.060.20; 71.100.80

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Foreword[2]

In response to a competitive request for proposals from the US Environmental Protection Agency (US EPA), a Consortium led by NSF International (NSF) agreed to develop voluntary third-party consensus standards and a certification program for all direct and indirect drinking water additives. Other members of the Consortium include the American Water Works Association Research Foundation (WRF), the Association of State Drinking Water Administrators (ASDWA), the Conference of State Health and Environmental Managers (COSHEM), and the American Water Works Association (AWWA). (COSHEM has since become inactive as an organization.) Each organization was represented on a steering committee with oversight responsibility for the administration of the cooperative agreement. The Steering Committee provides guidance on overall administration and management of the cooperative agreement. Currently, the member organizations remain active in an oversight role.

Two standards for additives products have been adopted. NSF/ANSI/CAN 61: *Drinking Water System Components – Health Effects* currently covers indirect additives products and materials. This Standard, NSF/ANSI/CAN 60, and subsequent product certification against it, will replace the US EPA Additives Advisory Program for drinking water treatment chemicals. For more information with regard to US EPA's actions, refer to the July 7, 1988 *Federal Register* (53FR25586).

NSF/ANSI/CAN 60 has been developed to establish minimum requirements for the control of potential adverse human health effects from products added to water for its treatment. It does not attempt to include product performance requirements, which are currently addressed in standards established by such organizations as AWWA, ASTM International, and the American National Standards Institute (ANSI). Because this Standard complements the performance standards of these organizations, it is recommended that products also meet the appropriate performance requirements specified in the standards of such organizations.

The Standard and the accompanying text are intended for voluntary use by certifying organizations, utilities, regulatory agencies, and/or manufacturers as a basis of providing assurances that adequate health protection exists for covered products.

All references to gallons (gal) are in US gallons.

This Standard was developed by the NSF Joint Committee on Drinking Water Additives – Treatment Chemicals using the consensus process described by the Standards Council of Canada's *Requirements and Guidance*. At the time of approval, the Joint Committees consisted of 9 public health / regulatory, 10 industry, 4 product certifier / testing lab, and 7 user representatives.

This Standard is designated as a National Standard of Canada (NSC) in compliance with requirements and guidance set out by the Standards Council of Canada (SCC).

This edition of the Standard contains the following revisions:

Issue 93

This revision will add consistencies to the normalization equations throughout the standard.

Issue 94

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This revision will add sodium dichloroisocyanurate, trihloroisocyanuric acid, and sodium permanganate to Table 6.2.

This Standard was developed by the NSF Joint Committee on Drinking Water Additives – Treatment Chemicals using the consensus process described by the American National Standards Institute.

This Standard and the accompanying text are intended for voluntary use by certifying organizations, regulatory agencies, and/or manufacturers as a basis of providing assurances that adequate health protection exists for covered products.

Suggestions for improvement of this Standard are welcome. This Standard is maintained on a Continuous Maintenance schedule and can be opened for comment at any time. Comments should be sent to: Chair, Joint Committee on Drinking Water Additives – Treatment Chemicals at standards@nsf.org, or c/o NSF International, Standards Department, PO Box 130140, Ann Arbor, Michigan 48113-0140, USA.

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SCC Foreword[3]

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