

GENERAL INFORMATION - FORMS A & B

WHO IS NSF? NSF *International* (NSF) is an independent, not-for-profit organization of scientists, engineers, technicians, educators, and analysts. It is a trusted neutral agency, serving government, industry, and consumers in achieving solutions to problems relating to public health and the environment since 1944. The mission of NSF is to provide clients and the general public with objective, high quality, timely, third-party services at acceptable cost. Services include development of consensus standards, voluntary product testing and certification with policies and practices which protect the integrity of registered Marks, education and training, and research and demonstration, all relating to public health and the environmental sciences.

WHAT IS THE DRINKING WATER ADDITIVES PROGRAM? ANSI/NSF Standard 60 (Drinking Water Treatment Chemicals - Health Effects) and ANSI/NSF Standard 61 (Drinking Water System Components - Health Effects) are voluntary consensus standards developed by regulators, industry, and product users and specifiers under the guidance of NSF and its consensus standards process. Standard 61 addresses two aspects: (1) Do contaminants leach or migrate from the material into the drinking water; and (2) If so, is the level of migration acceptable from a public health viewpoint? Standard 60 addresses direct treatment chemicals and their contaminants and if the levels of these chemicals are acceptable from a public health viewpoint. NSF's Drinking Water Additives program is a third-party Certification which includes auditing, sampling, testing, toxicology review, and evaluation relating to the potential health effects of drinking water products/materials, in accordance with the criteria established in Standards 60/61.

HOW DOES THE PROCESS WORK? The first step toward Certification under NSF Standard 61 requires the Applicant to complete a Product/Materials Information Form (P/MI). After the form is reviewed by NSF, the Applicant is provided with one Toxicology Data Review Submission Form A (TDRS-A), for each material determined to be in contact with drinking water. The Applicant must either complete this form (if the Applicant manufactures the material) OR, forward the form to the appropriate Material Supplier (if the Applicant merely assembles or repackages the material).

The first step towards Certification under NSF Standard 60 requires the Applicant to complete a Toxicology Data Submission-Form A (TDRS-A).

As the TDRS-A forms are received at NSF, a toxicologist will identify ingredients in the material which require additional information. A TDRS-B form will then be prepared for each ingredient and forwarded to the Material Supplier who, in turn, forwards the forms to the appropriate Ingredient Suppliers for completion. Once all of the TDRS forms have been returned, a Formulation Review is conducted by authorized NSF chemists and toxicologists to determine which analytical tests are necessary to evaluate the Applicant's product. During the selection of the testing protocol for potential contaminants, consideration is given to the degree of toxicological concern as well as the economic and practical limitations of the analytical tests within the constraints of the Standard.

Measured contaminant concentrations are normalized to reflect the levels anticipated "at the tap." Regulated contaminants (those which have a Maximum Contaminant Level set by the USEPA) do not require further toxicology evaluation. However, establishing Maximum Allowable Levels for nonregulated contaminants will require additional toxicology review data, either from new toxicology studies initiated at the time of the testing or previously completed and defensible studies. Should additional toxicology data be necessary, NSF toxicologists will work with the Applicant to determine whether or not previous studies or literature sources fulfill the requirements of Standards 60/61.

CONFIDENTIALITY: Only personnel authorized by NSF shall be allowed to review form A and B Applicant and Supplier information, which shall be secured according to NSF Confidential Information Security Procedures. Proprietary information will not be revealed or provided to Applicants or their Suppliers or third parties unless there is prior notarized written approval. However, the sharing of toxicological information between companies is encouraged where such sharing may expedite product certification.

WHERE TO SEND THIS FORM: Insert the completed form in an envelope marked "CONFIDENTIAL BUSINESS INFORMATION," seal in an outer envelope, and return to:

VIA US MAIL:

Additives Toxicology Group
NSF *International*
PO Box 130140
Ann Arbor, MI 48113-0140 USA

VIA COURIER SERVICE

Additives Toxicology Group
NSF *International*
3475 Plymouth Road
Ann Arbor, MI 48105 USA

(Over for General Instructions - TDRS Forms A and B)

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