

Tracking number 355i1r2e Creation of new Standard – NSF/GCI 355 Greener Chemicals and Processes Information © 2011 NSF International Draft 2e, April 2011 This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared. Excerpted Appendix B from full standard for the purposes of sharing with the Green Ribbon Science Panel Subcommittee #3 ONLY.

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Annex B

The information contained in this Annex is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. Therefore, this Annex may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to this Standard.

(Informational)

Guidance for certification programs for Greener Chemicals and Processes Information

B.1 General

Claiming conformance is for the reporting of information as required in this Standard. This informational annex provides guidance should a manufacturer wish to pursue certification. A certification program for Greener Chemicals and Processes Information should contain the following elements.

B.2 Chemical product and process certification

B.2.1 Selection of conformity assessment body

The manufacturer may identify a certification organization to perform the conformity assessment of the chemical product and process report for conformance to this Standard. Certification organizations should comply with the requirements in annex B, section B.3, Suggested requirements for certifying organizations.

B.2.2 Conformity assessment to the Standard

The certifying organization performs the necessary functions to determine whether the manufacturer's chemical product and process report conform to the specified criteria contained herein. This may involve activities such as an audit of the manufacturing facility, review of the product and process data, review of testing results, or review of documentation for assessing conformance with the specified criteria.

Certification is recommended every 5 years unless a product (see section 2.2.2 Product Identification) identity change or significant process change (see section 6 Chemical Processes) occurs that warrants a re-certification at the time of the change.

If a chemical change occurs based on the requirements of the Standard, the manufacturer should report to the certification body for determination if re-certification is needed.

B.2.3 Issuance of product certification

If the chemical product and process has been demonstrated adequately to meet the reporting specifications (Section 2 Conformance Requirements and Annex A Final Report) described in this Standard, and any issues of non-conformance have been addressed, the certifying organization provides a product or process report certification to the manufacturer. This may include the provision of documentation of certification to the manufacturer, as well as inclusion of the name of the chemical product and process on any publicly available lists of certified products maintained by the certifying organization. The certifying organization instructs the manufacturer regarding appropriate use of the

registered certification mark of the certifying organization. The certifying organization instructs the manufacturer regarding appropriate use of the registered certification mark of the certifying organization.

B.2.4 Monitoring of product conformance

At intervals determined by the certifying organization, the continued conformance of the certified chemical product and process to the specified reporting criteria should be monitored using periodic surveillance (B.3.3, Surveillance).

B.3 Suggested requirements for certifying organizations

A certifying organization offering a certification program for greener chemical products and processes reporting should conform to the requirements of ISO/IEC Guide 65, General requirements for bodies operating product certification systems and should be accredited by the relevant accreditation body (i.e., ANSI, ANAB).

B.3.1 Marking of certified chemical product and processes report

The certifying organization should specify requirements for marking of certified chemical products or processes reports. Requirements for product marking should include, at a minimum a registered certification mark of the certifying organization.

B.3.2 Listing certified companies

The certifying organization should maintain a published listing of all certified chemical products and processes reports. The listing format should include the following minimum information:

- Company name and address; and
- name of chemical product and process.

B.3.3 Surveillance

The certification body should have documented procedures to enable surveillance and include periodic surveillance activities to assure ongoing legitimacy of the demonstration of fulfillment of certification requirements.

B.3.4 Corrective action

The manufacturer should take corrective action for all items of reporting nonconformance found during surveillance and re-evaluation including:

- modifications to certified chemical products and processes; and
- documentation and authorization of the modification maintained on file.

B.3.5 Records

A certifying organization should have provisions for verification of complete certified company records to support surveillance requirements and certification.

B.3.6 Confidentiality

The certifying organization should have a documented policy of non-disclosure of any confidential information supplied to the certifying organization by the company regarding the product and process, including but not limited to formulations, components, ingredients, and the identity of the company's suppliers and distributors.