



NSF International Standard /
American National Standard

NSF/ANSI 305 - 2011

Personal Care Products
Containing Organic Ingredients



NSF International, an independent, not-for-profit, non-governmental organization, is dedicated to being the leading global provider of public health and safety-based risk management solutions while serving the interests of all stakeholders.

This Standard is subject to revision.
Contact NSF to confirm this revision is current.

Users of this Standard may request clarifications and interpretations, or propose revisions by contacting:

Chair, Joint Committee on Organic Personal Care Products
c/o NSF International
789 North Dixboro Road, P.O. Box 130140
Ann Arbor, Michigan 48113-0140 USA
Phone: (734) 769-8010 Telex: 753215 NSF INTL
FAX: (734) 769-0109
E-mail: info@nsf.org
Web: <http://www.nsf.org>

NSF/ANSI 305 – 2011

NSF International Standard/
American National Standard
for Organic Person Care Products —
**Personal Care Products
Containing Organic Ingredients**

Standard Developer
NSF International

Designated as an ANSI Standard

December 19, 2011
American National Standards Institute

Prepared by
The NSF Joint Committee on Organic Personal Care Products

Recommended for Adoption by
The NSF Council of Public Health Consultants

Adopted by
The NSF Council of Public Health Consultants
February 2009

Revised April 2009
Addendum March 2011
Revised December 2011

Published by

NSF International
P.O. Box 130140, Ann Arbor, Michigan 48113-0140, USA

For ordering copies or for making inquiries with regard to this Standard, please reference the designation "NSF/ANSI 305 – 2011."

Copyright 2012 NSF International

Previous editions © 2011, 2009

Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from NSF International.

Printed in the United States of America.

Disclaimers¹

NSF, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. The opinions and findings of NSF represent its professional judgment. NSF shall not be responsible to anyone for the use of or reliance upon this Standard by anyone. NSF shall not incur any obligation or liability for damages, including consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Standard.

Participation in NSF Standards development activities by regulatory agency representatives (federal, local, state) shall not constitute their agency's endorsement of NSF or any of its Standards.

Preference is given to the use of performance criteria measurable by examination or testing in NSF Standards development when such performance criteria may reasonably be used in lieu of design, materials, or construction criteria.

The illustrations, if provided, are intended to assist in understanding their adjacent standard requirements. However, the illustrations may not include **all** requirements for a specific product or unit, nor do they show the only method of fabricating such arrangements. Such partial drawings shall not be used to justify improper or incomplete design and construction.

Unless otherwise referenced, the annexes are not considered an integral part of NSF Standards. The annexes are provided as general guidelines to the manufacturer, regulatory agency, user, or certifying organization.

¹ The information contained in this Disclaimer 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 Disclaimer 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 the Standard.

This page is intentionally left blank.

Contents

1	General1	
1.1	Purpose	1
1.2	Scope	1
1.3	Alternate products or materials	1
2	Reference documents	2
2.1	Normative references	2
2.2	Informational references	2
3	Definitions	3
4	General requirements	6
4.1	Scope 6	
4.2	Prohibited practices	6
5	Production and handling requirements	6
5.1	Scope	6
5.2	Organic production system plan	7
5.3	Allowed processes and ingredients	7
	Table 5.1 – Ecological agricultural-based botano-chemical processes	8
	Table 5.2 – Preservative ingredients allowed in “Contains Organic” products	9
	Table 5.3 – Allowed mineral ingredients	9
	Table 5.4 – Allowed processed mineral ingredients	9
5.4	Prohibited ingredient types/classes and prohibited specific ingredients	9
5.5	Commercial availability	9
6	Determining percent organic	10
6.1	Scope	10
6.2	Calculating organic percentage	10
6.3	Mined minerals, water and salt	10
6.4	Organic content of processed organic plant material	11
6.5	Organic percentage of a reacted ingredient	12
	Table 6.1 – Organic percentage of a reacted ingredient	12
7	Labels, labeling, and market information	13
7.1	Use of the term "organic"	13
7.2	Labeling and or representation of products	13
7.3	Product composition	13
7.4	Packaged products labeled "100 percent organic" or "organic" or "made with organic"	14
7.5	Packaged products labeled "contains organic ingredients"	14
7.6	Labeling of non-retail containers used only for shipping or storage of raw or processed agricultural ingredient products	15
7.7	Labeling of ingredients	15
Annex A	A1
A.1	General	A1
A.2	Definitions	A1
A.3	Product certification process	A2
A.4	Suggested requirements for certifying organizations	A3

Annex B	B1
B.1 Scope	B1
B.2 Definitions	B1
B.3 Background	B1
B.4 Labeling.....	B1
B.5 Calculating organic percentages.....	B3
Annex C	C1
C.1 General	C1
C.2 Definitions	C1
C.3 Screens	C1
Annex D	D1
Annex E	E1
E.1 Definitions	E1
E.2 Chemical processes.....	E1
Annex F	F1
F.1 Written procedures.....	F1
F.2 Definitions	F1
F.3 Commingling and contact with prohibited substances.....	F1
F.4 Record retention.....	F1
F.5 Handling and storage of raw materials, in-process materials, and rework	F3
F.6 Manufacturing operations.....	F4
F.7 Packaging and labeling operations	F4
F.8 Warehousing, distribution, and post-distribution processes	F5
Annex G	G1
G.1 Scope	G1
G.2 Definitions	G1
Table G.1 – Illustrative list of processed ingredients for personal care produced by the NOP-allowed processes specified in 5.3.....	G1
Table G.2 – Illustrative list of ecological agricultural-based botano-chemical Ingredients made by processes in Table 5.1	G2
Table G.3 – Illustrative list of Petroleum-derived ingredients specifically allowed.....	G3
Table G.4 – Illustrative list of prohibited common ingredient types/classes	G3
Table G.5 – Illustrative list of prohibited ingredients	G3

Foreword²

This American National Standard, NSF/ANSI 305 Personal Care Products Containing Organic Ingredients, has been developed as part of the ongoing efforts of a number of interested parties to encourage participation in the manufacturing of personal care products using organically grown ingredients within the supply chain and to address issues on chemical processes, terminology, commercial availability, product composition, calculations, and labeling. Stakeholders involved in developing the Standard included regulatory/public health, industry, trade associations, ingredient suppliers, general interest and product certifiers. The scope of this Standard includes, but is not limited to, rinse-off/leave-on personal care products, cosmetic products, oral care and personal hygiene products.

The National Organic Program (NOP) Regulations (Standards) & Guidelines established requirements for the production and handling of organically produced products, specifically food products. The NOP helps to assure consumers that food labeled 'organic' is truly organically produced and processed. Organic personal care companies have sought voluntary validation of organic claims, but have had to work within the limitations of the NOP standards.

NSF/ANSI 305 – *Personal care products containing organic ingredients*, allows personal care companies the option to use this Standard to make organic label and marketing claims, while meeting the strict requirements of this Standard, which includes the proper organic levels for personal care products.

By January 2015, the use of petroleum-derived sodium benzoate will be revisited by the Joint Committee on Organic Personal Care. If a suitable 'organic' preservative and nonpetroleum derived sodium benzoate is commercially available, the use of petroleum-derived sodium benzoate will be removed from the Standard. The Joint Committee on Organic Personal Care will continue to revisit this issue every five years until a suitable 'organic' preservative and nonpetroleum derived sodium benzoate is commercially available.

By January 2015, the allowance of plant-based materials certified to EC 834/2007 and EC 889/2008 will be revisited by the Joint Committee on Organic Personal Care, given the cooperative efforts of the USDA National Organic Program with international governments in regard to their organic regulations.

This edition of the Standard (NSF/ANSI 305-2011) includes the following revisions:

Issue 3 - Purpose, Definitions, General requirements, Production and handling requirements

Modifications to Purpose (1.1); Definitions (3.2, 3.5, 3.9, and 3.23); General requirements (4.2.2.1, 4.2.2.2, and 4.2.2.3); Production and handling requirements (5.1); Organic production system plan (5.2).

Issue 6 - Ingredient Sourcing

Allows plant-based products certified to EC 834/2007 and EC 889/2008 (European Union organic regulations) to be considered equivalent to USDA NOP standards certification.

Issue 7 - Botano-Chemical Processes and Catalysts

(1) Updates Table 5.1 to show a missing process known as "Etherification of glycerin and glycerin making polyglycerols"; (2) updates the naming conventions so that the botano-chemical process names are the same in Table 5.1, Table 6.1 and Annex E; and (3) incorporates additional language allowing for the use of catalysts meeting the chemical definition of catalyst (3.3) in the botano-chemical processes (5.3.1).

² The information contained in this Foreword 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 Foreword 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 the Standard.

Issue 8 - Annex G

(1) Changes Annex G from 'Informative' to 'Normative'; (2) amends the introductory note in Annex G; (3) specifies in Table G.3 that Glycine betaine extracted from sugar beets is allowed; and (4) clarifies in Table G.3 that in addition to betaines other than Glycine betaine extracted from sugar beets, amphoteric surfactants are also prohibited.

Issue 9 - Normative and Informational References

Updates both 2.1 Normative references and 2.2 Informational references.

Issue 10 - Mined Minerals

Incorporates a note concerning compliance with the California Organic Products Act (COPA) of 2003 and the proper calculation of mined minerals in Sections 5.3.3, 6.3 and A.4.4.

Issue 12 - Certifier Placement

Given the space constraints of some product labels, allows flexibility of certifier placement on agricultural packaged products, consistent with what is currently allowed under the USDA NOP.

This Standard emphasizes open disclosure of impacts and benefits, and does not compromise proprietary, patented, or trade secret information. These requirements are intended to form the basis of conformity assessment programs, such as third-party certification or registration.

Comments on this Standard should be sent to at standards@nsf.org or c/o NSF International, Standards Department, P.O. Box 130140, Ann Arbor, Michigan 48113-0140, USA or to standards@nsf.org.

NSF/ANSI Standard for Personal Care Products

Personal Care Products Containing Organic Ingredients

1 General

1.1 Purpose

This Standard encourages participation in the manufacturing of personal care products using organically grown ingredients within the supply chain. It emphasizes open disclosure of impacts and benefits, and does not compromise proprietary, patented, or trade secret information. Production practices implemented in accordance with this Standard shall maintain or improve the natural resources of the operation, including soil and water quality. This Standard is to be used voluntarily by companies that may not be able to meet the current USDA organic food regulations.

1.2 Scope

This Standard specifies materials, processes, production criteria, and conditions that shall be met in order for personal care products to make organic label and marketing claims under this Standard. This Standard intends to address products with a minimum organic content of 70% (O70).

Products intended to be labeled with organic processing claims currently defined under the USDA National Organic Program (NOP), including "100% Organic", "Organic", and "Made with Organic", are not covered by this Standard.

Items covered by this Standard include, but are not limited to: cosmetic products; rinse-off and leave-on personal care products; oral care products; and personal hygiene products. These products may be applied to or used externally on any part of the body (e.g., hair, face, hands, and feet). For the purposes of this Standard, cosmetics are considered personal care products.

This Standard does not ensure accuracy of claims specifying a product as "safer", "better" or of a specific quality.

Like USDA National Organic Program³ (NOP) regulations, this Standard includes allowances and restrictions on processes, agricultural ingredients, and methods of extraction based on the specific label claim to be made on the final product. The organic claim is a process claim, not a product claim. Testing will not necessarily determine whether or not a product is organic or meets this Standard.

1.3 Alternate products or materials

An ingredient of a personal care product varying in design from this Standard's specification may still qualify under the Standard. While specific materials are stipulated in this Standard, products or components that incorporate alternate materials may be acceptable when it is verified that the product or component meets the applicable requirements of the Standard based on the product's end use.