

Voluntary Report – Voluntary - Public Distribution

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Report Name: INDIA - FSSAI Modifies Standards for Shea Butter and Borneo Tallow Nut Oil

Country: India

Post: New Delhi

Report Category: Exporter Guide, Sanitary/Phytosanitary/Food Safety, FAIRS Subject Report, Dairy and Products, Oilseeds and Products, Agricultural Situation, Policy and Program Announcements, Agriculture in the Economy, Agriculture in the News, SP1 - Expand International Marketing Opportunities, SP2 - Prevent or Resolve Barriers to Trade that Hinder U.S. Food and Agricultural Exports, Sanitary/Phytosanitary/Food Safety, Tree Nuts

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Report Highlights:

On March 22, 2021, the Food Safety and Standards Authority of India (FSSAI) modified its food safety and standards related to Shea butter and Borneo tallow nut oil (or Sal nut oil). Revisions relating to peanut butter are inserted as clauses 12 and 13 in Regulation 2.2, sub-regulation 2.2.4-Edible Fats. The implementation date is effective commencing with the date of publication in the Gazette of India. This GAIN FAIRS report provides a hyperlink to the FSSAI notification.

DISCLAIMER: The information contained in this report was retrieved from the Food Safety and Standards Authority of India's (FSSAI) website <http://www.fssai.gov.in>. The U.S. Embassy in New Delhi – Foreign Agricultural Service (FAS) Office of Agricultural Affairs (OAA), USDA and/or the U.S. government make no claim of accuracy or authenticity. The Government of India has not officially endorsed this report. Import approval for any product is subject to local rules and regulations as interpreted by Indian officials at the time of product entry. [Note: Use Google Chrome to access the links if they do not open in Internet Explorer].

GENERAL INFORMATION:

On March 22, 2021, the Food Safety and Standards Authority of India (FSSAI) modified its food safety and standards related to Shea butter and Borneo tallow nut oil (or Sal nut oil). Revisions relating to peanut butter are inserted as clauses 12 and 13 in Regulation 2.2, sub-regulation 2.2.4-Edible Fats. The implementation date is effective commencing with the date of publication in the [Gazette of India](#).

“12. Shea butter.- Shea butter means the product obtained by pressing and extraction from shea kernels derived from Shea tree (*Butyrospermum parkii*). It shall be refined to make it fit for human consumption. The refined shea butter may be used as such or fractionated using dry fractionation or solvent fractionation technique to obtain stearin/olein fractions to be suitably used for different food applications.

Shea butter shall be free from admixture with other oils and fats and free from adulterants, any foreign matter or added colouring substance. It shall be clear on melting.

It shall conform to the following standards:

Serial No.	Parameters	Shea butter (Unrefined)	Shea butter (Refined)
1.	Refractive index at 44°C	1.4620 – 1.4650	1.4620 – 1.4650
2.	Iodine value	30 – 75	30 – 75
3.	Saponification value	160- 200	160- 200
4.	Unsaponifiable matter	Not more than 19 per cent.	Not more than 10 per cent.
5.	Free Fatty acids (as oleic acid)	Not more than 8 per cent.	Not more than 0.25 per cent.
6.	Moisture	-	Not more than 0.1 per cent.
7.	Flash point (Pensky-Marten closed method)	-	Not less than 250°C

Note: 1. Test for argemone oil shall be negative

2. It may contain food additive as per appendix A of these regulations.

13. Borneo tallow/ Illipe butter.- Borneo tallow/ Illipe butter means the fat obtained by pressing and extraction from Illipe seeds (*Shorea stenoptera*). Illipe butter shall be free from admixture with other oils and fats and free from adulterants, rancidity, suspended or any foreign matter, separated water, added colouring or flavouring substance, or mineral oil. It shall be clear on melting.

It shall conform to the following standards:

Serial No.	Parameters	Borneo tallow/ Illipe butter
1	Refractive index at 40°C	1.4560 – 1.4570
2	Iodine value	25 – 38
3	Saponification value	180- 200
4	Unsaponifiable matter	Not more than 2.5 per cent.
5	Free Fatty acids (as oleic acid)	Not more than 3 per cent.

Note: 1. Test for argemone oil shall be negative

2. It may contain food additive as per appendix A of these regulations.

The full text of the FSSAI notification is found on the FSSAI website located at:

https://fssai.gov.in/upload/notifications/2021/03/60582e2393834Gazette_Notification_SheaButter_22_03_2021.pdf

APPENDIX I – FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA, NOTIFICATION OF MODIFIED STANDARDS FOR SHEA BUTTER AND BORNEAN TALLOW

FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA

NOTIFICATION

New Delhi, the 18th March , 2021

F. No. Stds/O&F/Notification (5)/FSSAI-2017.—Whereas the draft of the Food Safety and Standards (Food Products Standards and Food Additives) Amendment Regulations, 2020 were published vide notification of the Food Safety and Standards Authority of India vide notification no. Stds/O&F/Notification (5)/FSSAI-2017, dated the 27th July,2020 in the Gazette of India, Extraordinary, Part III, Section 4, as required under sub- section (1) of section 92 of the Food Safety and Standards Act, 2006 (34 of 2006), inviting objections and suggestions from persons likely to be affected thereby, before the expiry of the period of sixty days from the date on which the copies of the Official Gazette containing the said notification were made available to the public;

And whereas the copies of the said official Gazette were made available to the public on the 30th July, 2020;

And whereas the objections and suggestions received from the public in respect of the said draft regulations have been considered by the Food Safety and Standards Authority of India;

Now, therefore, in exercise of the powers conferred by clause (e) of sub- section (2) of section 92 read with section 16 of the said Act, the Food Safety and Standards Authority of India hereby makes the following regulations further to amend the Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011, namely: -

REGULATIONS

1. **Short title and commencement-** (1) These regulations may be called the Food Safety and Standards (Food Products Standards and Food Additives) Second Amendment Regulations, 2021.
(2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011, in regulation 2.2, in sub-regulation 2.2.4 relating to Edible fats, after clause 11 relating to Peanut Butter the following clause shall be inserted, namely-

“12. Shea butter.- Shea butter means the product obtained by pressing and extraction from shea kernels derived from Shea tree (*Butyrospermum parkii*). It shall be refined to make it fit for human consumption. The refined shea butter may be used as such or fractionated using dry fractionation or solvent fractionation technique to obtain stearin/olein fractions to be suitably used for different food applications.

Shea butter shall be free from admixture with other oils and fats and free from adulterants, any foreign matter or added colouring substance. It shall be clear on melting.

It shall conform to the following standards:

Serial No.	Parameters	Shea butter (Unrefined)	Shea butter (Refined)
1.	Refractive index at 44°C	1.4620 – 1.4650	1.4620 – 1.4650
2.	Iodine value	30 – 75	30 – 75
3.	Saponification value	160- 200	160- 200
4.	Unsaponifiable matter	Not more than 19 per cent.	Not more than 10 per cent.
5.	Free Fatty acids (as oleic acid)	Not more than 8 per cent.	Not more than 0.25 per cent.
6.	Moisture	-	Not more than 0.1 per cent.
7.	Flash point (Pensky-Marten closed method)	-	Not less than 250°C

Note: 1. Test for argemone oil shall be negative

2. It may contain food additive as per appendix A of these regulations.

13. Borneo tallow/ Illipe butter.- Borneo tallow/ Illipe butter means the fat obtained by pressing and extraction from Illipe seeds (*Shorea stenoptera*). Illipe butter shall be free from admixture with other oils and fats and free from adulterants, rancidity, suspended or any foreign matter, separated water, added colouring or flavouring substance, or mineral oil. It shall be clear on melting.

It shall conform to the following standards:

Serial No.	Parameters	Borneo tallow/ Illipe butter
1	Refractive index at 40°C	1.4560 – 1.4570
2	Iodine value	25 – 38
3	Saponification value	180- 200
4	Unsaponifiable matter	Not more than 2.5 per cent.
5	Free Fatty acids (as oleic acid)	Not more than 3 per cent.

Note: 1. Test for argemone oil shall be negative

2. It may contain food additive as per appendix A of these regulations.

ARUN SINGHAL, Chief Executive Officer

[ADVT.-III/4/Exty./542/2020-21]

Attachments:

No Attachments.