

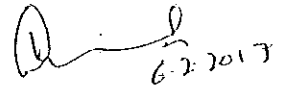
**File No. GRP/ EOF/ Fortification/01/FSSAI-2016**  
**Food Safety and Standards Authority of India**  
(A Statutory Authority established under Food Safety and Standards Act, 2006)  
**FDA Bhawan, Kotla Road, New Delhi- 110002**

Dated: the 6 February, 2017

**Cover Letter**

**Subject: Minutes of the Meeting on scaling up Edible Oil Fortification held on January 4th, 2017 -reg.**

The minutes of the Meeting on scaling up Edible Oil Fortification held on January 4th, 2017 at FSSAI, New Delhi with key partners of edible oil industry, partners from the development sector and suppliers, under the Chairmanship of Chief Executive Officer, FSSAI are enclosed.



(Kumar Anil)  
Advisor (Standards)  
Phone: 011-23217833  
Email:advisor@fssai.gov.in

**Encl: As Above**

**Copy to:**

1. CITO, FSSAI for uploading it on the Website.

## Minutes of the Meeting on scaling up Edible Oil Fortification

4<sup>th</sup> January 2017

FSSAI, FDA Bhawan

A meeting on scaling up Edible Oil Fortification was held on January 4th, 2017 at FSSAI, New Delhi with key partners of edible oil industry, partners from the development sector and Suppliers under the Chairmanship of Chief Executive Officer, FSSAI. The list of participants is annexed.

### Summary of Discussions:

2. Chief Executive Officer (CEO), FSSAI welcomed the participants in the meeting which was followed by a brief round of introductions. The Chair highlighted high levels of malnutrition in the country, including micronutrient malnutrition also. He highlighted the importance of food fortification, a complementary strategy, offering an easy solution to address the issue. He sought the support of the food industry to address the issue that directly affects the health and productivity of the population.

3. The key issues discussed during the meeting are as follows:

- (i) The rationale for fortification, in view of 'Losses of vitamins' in edible oil on multiple frying and storage.
- (ii) Fortification of edible oil packed in 15kg pack size or below, and the oil sold to food business operators such as Bakery Industry, Snack Industry etc., who use it for manufacturing different foods, packing of oil in small pack sizes for facilitating the sale of 100 ml or 200 ml.
- (iii) Packaging inventory that may delay the fortification of all the edible oil variants up to 6 months.
- (iv) Frequency of quantitative and qualitative testing of Vitamin at various stages of fortification.
- (v) Source of vitamin D (vitamin D2 or vitamin D3) to be added.
- (vi) Supply, Cost and issues related to Import duty of Vitamin Premix.
- (vii) Commitment from the Industry to start voluntary fortification of all variants of their edible oils, within the coming 3 months (by end-March 2017). Adani Wilmar Ltd., Cargill India Ltd, Emami Agrotech Ltd, Marico Ltd, Mother Dairy Fruit & Veg Pvt Ltd., Bunge India (P) Ltd , ADM Agro Industries India Pvt Ltd., Kaleesuwari Refinery Pvt Ltd., AAK Kamani Pvt Ltd. and Ruchi Soya Industries Ltd. assured to start the voluntary fortification of all variants of refined edible oils within the coming three months. M/S Kaleesuwari Refinery Pvt Ltd. and Emami Agrotech Ltd. assured to start refined edible oils fortification within 6 months. M/s Borges India Pvt Ltd. expressed reservation for Virgin Olive Oils stating that it will not be appreciated by the consumers.

**4. The key decisions of the meeting are as under:**

- (i) Edible Oil Industry to adopt fortification of edible oils with vitamin A and D, as the Industry norm. The invited industry partners to start voluntary fortification of all variants of their edible oils, by 31 March 2017.
- (ii) To begin with, fortification of edible oil should be limited to that packed in 15kg packaging or below and may not be for the oil sold to food business operators such as Bakery Industry, Snack Industry etc., who use it for manufacturing different foods.
- (iii) The industry would start complying the fortification norms as per the standards prescribed under operationalised draft Food Safety and Standards (Fortification of Foods) Regulations, 2016 using the present packaging material available at their end till the inventory lasts (that may be next 6 months). For these provisions the Food Safety Commissioners of States would be apprised of the difference that may be there in the label claim and the actual levels of fortification, during the interim period so that the Industry partners are not inconvenienced for adding the new revised levels of vitamin D.
- (iv) Matter concerning the standards to be used for newly reported vegetarian form of vitamin D3, will be referred to the "*Scientific Panel on Fortified and Enriched Foods*" for consideration and decision.
- (v) A reference document to be prepared by FSSAI, in consultation with the Industry, which would guide the Food Safety Officers on the protocols for regulatory monitoring.
- (vi) FSSAI to undertake a review of the status of edible oil fortification in April 2017 (after 3 months) to evaluate the compliance and take further decision on bringing in cold pressed / kachi ghani / virgin oils etc. under the ambit of fortification.
- (vii) Industry to include 100ml packaging size in their inventory, so that no oil is sold loose, even if it is from the 15 litre opened tin.
- (viii) A nation-wide campaign on need and importance of fortified edible oil should be launched across entire India. Premix suppliers and the oil producers / processors / packers to co-fund this nation-wide campaign and develop communication materials, including short films for wider dissemination.
- (ix) Ms Shakun Sharma, from Cargill and Ms Diksha from Mother Dairy, to coordinate with the Industry to arrive at an investment plan for the proposed communication campaign, by mid-February 2017.

**The meeting ended on a positive note, with all the Industry partners assuring the government of their support and working towards improving nation's health.**

## Annexure

List of Participants who attended the Meeting on scaling up Edible Oil Fortification held on 4<sup>th</sup> January, 2017

S.No.	Participants
<b>FSSAI Officials</b>	
1.	Mr Pawan Agarwal, Chief Executive Officer
2.	Ms Madhavi Das, Chief Management Services Officer
3.	Mr. Kumar Anil, Advisor, Standards Division
4.	Ms. Anita Makhijani, Deputy Director, Standards Division
5.	Dr. S. C. Khurana, Consultant, Standards Division
6.	Ms Rijuta Pandav, Consultant
7.	Ms. Aiman Zaidi, Technical Officer
8.	Ms. Tripti Tayal, Technical Officer
<b>Adani Wilmar Ltd.</b>	
9.	Mr. Vinay Tripathi, R&D-Technical
10.	Mr Kaushal Desai, General Manager (Marketing)
<b>Bunge India ( P) Ltd</b>	
11.	Dr.S.K. Handoo, R&D Head
<b>Cargill India Ltd</b>	
12.	Mr. Ganesh Kulkarni
13.	Ms. Shakun Sharma
<b>Emami Agrotech Ltd</b>	
14.	Mr B K Paliwal, General Manager (QA, R&D)
<b>Hexagon Nutrition Ltd.</b>	
15.	Mr Arun Om Lal, Chief Operating officer
<b>Borges India Pvt Ltd.</b>	
16.	Mr. Rajneesh Bhasin
<b>Marico Ltd</b>	
17.	Dr Prabodh Halde, Head Regulatory
18.	Ms. Somya Tewari, Senior Regulatory Officer
<b>Mother Dairy Fruit &amp; Veg Pvt Ltd.</b>	

19.	R. Ramesh, Senior Manager
20.	Ms. Deeksha Bhatt
<b>Indian Vanaspati Producers' Association</b>	
21.	S.P. Kamrah, Secretary General
22.	Sandip Ganguly, Operation Head, Ruchi Soya Industries Ltd.
<b>Oil Technologist Association of India</b>	
23.	Dr. D Mathur
24.	Dr. C.S. Joshi
<b>Vanaspati Manufactures Association of India</b>	
25.	Dr. K.D. Yadav, Chairman- Technical Committee ( AAK Kamani Pvt Ltd.)
26.	S. Gurumoorthi, Executive Director
<b>ADM Agro Industries India Pvt Ltd.</b>	
27.	Mr. Digambar Gurav, Manager QA
28.	Mr. Subhash Bansal, National Manager Marketing
<b>Kaleesuware Refinery Pvt Ltd.</b>	
29.	Mr. Anurag Lodha, Chief Operating Officer
30.	Mr. K Ashok, Director
<b>DSM Nutritional Products</b>	
31.	Mr. Pankaj Nemade, Business Manager, South Asia
32.	Ms Aakanksha Nayyar,
33.	Dr. Sangeeta Chaddha, Regulatory Affairs Manager, South Asia
<b>Piramal Enterprises</b>	
34.	Mr. Anurag Joglekar, Manager Sales
35.	Mr. Amit Ravetkar, Manager R&D
<b>Development Sector Partners</b>	
36.	Dr R Sankar, Programme Director-Nutrition, Tata Trusts
37.	Mr S. Lakshman, Head, Support Services, Tata Trusts
38.	Dr Alok Ranjan, Country Lead - Nutrition, Bill Melinda Gates Foundation
39.	Mr Tarun Vij, Country Director, GAIN
40.	Ms Deepti Gulati, Senior Technical Specialist, GAIN