

## **BRIEF SUMMARY OF THE PROJECT**

### **1. Introduction**

M/s Ambernath Organics Pvt. Ltd. is a manufacturer of synthetic organic chemical manufacturer. Companies other two units are in operation at Badlapur & Ambernath MIDC. Company is a manufacturer of perfumery products & flavoring reagents. Over the years the company built a close and enduring relationship with Multinational Companies and has in place a credible selling arrangement with them for most of the products in the Indian and overseas market. Innovating methodologies, processes and developing strong chemistry skills company has emerged as a cost effective manufacturer and a preferred source of chemicals conforming to standards equal to the best in the world.

Now, Company management intend to establish their new unit at Plot No. 21/2, Dhatav MIDC, Tal. Roha, Dist. Raiga, For manufacturing of organic compounds mainly Perfumery product & Food grade flavors having applications in variety of end use in the food and allied sector. Company will manufacture namely, Anthranilic acid, Methyl anthranilate and Dimethyl anthranilate, which have applications in variety of end use in the food and allied industries. The total production capacity of the proposed project will be around 6535.16 MT/A, including by-product i.e. Methanol and N. Butanol.

Ambernath Organics Pvt. Ltd. exports 60% of their products to major perfume houses like Givaudan, IFF (international Flavor and Fragrances), Firmenich, Clariant in Europe, Takasago and Hodogaya in Japan, PMC and Vigon in USA etc.

### **2. History of Project**

A new chemical production facility is being set up by M/s. Ambernath Organics Pvt. Ltd. at Plot no. 21/2 Dhatav MIDC, Tal. Roha, Dist. Raigad. On 29th June 2010, M/s Ambernath Organics Pvt. Ltd. have purchased this land from M/s Nirlon synthetic fiber & chemicals Ltd. Chronology of event for the proposed project are as follows:

Sr. No	Date/ Period	Event	Decisions /Remark by SEAC-1 / EAC, MoEF&CC
1	29 <sup>th</sup> June 2010	The plot no 21/2, Dhatav MIDC, Roha , Raigad has been purchased by M/s Ambernath Organics Pvt. Ltd. from M/s. Spareage Seals Ltd. with available infrastructure. The lease agreement with MIDC was done on dt. 10 <sup>th</sup> June 2010. ( Refer attached Lease agreement vide no. MIDC/ROP/Roha/009/2010). While the deed of assignment between Sparage Seals Ltd & Ambernath Organics Pvt. Ltd. was made on 29 <sup>th</sup> June 2010 (Refer attached Deed of assignment – Case Adj No 700/2010)	--
2	16 <sup>th</sup> May 2015	Application submitted to SEAC-I, Maharashtra for approval of ToR	--
3	15 <sup>th</sup> & 16 <sup>th</sup> June 2015	Project listed in 103 <sup>rd</sup> SEAC-1 meeting (Maharashtra State) for approval of ToR	Committee has approved the ToR for preparation of EIA report.
4	2 <sup>nd</sup> February 2016	EIA report submitted to Environment Department, Maharashtra	--
5	24 <sup>th</sup> – 26 <sup>th</sup> February 2016	In 122 <sup>nd</sup> SEAC-1 meeting, Presentation of EIA report to SEAC-1 ( Maharashtra State)	The SEAC-I (Maharashtra State) observed that proposed synthetic organic chemical industry is a red category industry proposed in MIDC Dhatav, Taluka-Roha, District-Raigad. Dhatav village has been declared as an Ecosensitive area in Draft Notification for Western Ghats dated 4th Sept. 2015. Therefore the Committee decided to hold the proposal in abeyance till the Draft Notification is finalized.
6	29 <sup>th</sup> February 2016	Application submitted to MoEF&CC, GOI considering the project as ‘A’ Category based on the decision of SEAC-I, Environment Department of Maharashtra	--
7	17 <sup>th</sup> April 2016	Essential Details Sought by Member secretary of EAC, MoEF&CC	Please attached copy of gazette notification for consideration of project as ‘A’ category

8	24 <sup>th</sup> April 2016	The documents like Maharashtra Government Gazette Feb 20 1964 regarding notification of MIDC for Dhatav area, MoM of 103rd SEAC-I Meeting, MoM of 122nd SEAC-1 Meeting, Draft notification of western ghats dated 4th Sept 2015, Notification no. S.O 1599 (E) dated 25th June 2014 for consideration of project as 'A' category, has been submitted to EAC, MoEF&CC	--
9	5 <sup>th</sup> June 2016	Decision of The Member Secretary, EAC, MoEF&CC, GOI	Similar to this ministry has transferred such cases to SEIAA/SEAC, Maharashtra till the notification is finalized. Through this EDS, SEIAA/SEAC are advise to consider the project as per the existing position. PP may approach to SEIAA/SEAC accordingly.
10	15 <sup>th</sup> June 2016	Request letter along with EIA report submitted to SEAC-I, Environment Department of Maharashtra for reconsideration of project based on the EAC, MoEF&CC advised	--
11	2 <sup>nd</sup> July 2016	Project listed in 130th SEAC-1 meeting for presentation of EIA report before SEAC-I, Environment department of Maharashtra.	The project was previously considered in the 85 <sup>th</sup> , 105 <sup>th</sup> , & 122th meeting. In the 122th meeting it was observed that the proposed synthetic organic chemical industry was red category industry proposed in MIDC dhatav, Taluka –Roha, District – Raigad. Dhatav village has been declared as an Eco-sensitive area in the draft notification of western ghats dated 4 <sup>th</sup> September 2015. Therefore the committee decided to hold the proposal in abeyance till the draft notification is finalized. Subsequently, the PP applied to the central EAC to consider the project as ‘A’ category. The Member Secretary, Central EAC pointed that MoEFCC has transferred similar

			<p>cases to SEIAA/SEAC Maharashtra for consideration as a 'B' Category project till the Draft notification was finalized.</p> <p>The committee deliberated on this advice and concluded that unless the MoEF&amp;CC gives clear directives to appraise the project located in an area which appears as Ecologically Sensitive in the draft notification for ESA villages in the western ghats, the committee would much rather wait till the said notification is finalized, Hence deferred.</p>
12	30 <sup>th</sup> September 2016	Request letter along with EIA report submitted to SEAC-I, Environment Department of Maharashtra for reconsideration of project	--
13	6 <sup>th</sup> October 2016	Project listed in 136th SEAC-1 meeting for presentation of EIA report before SEAC-I, Environment department of Maharashtra.	<p>PP remain present, the committee pointed out that in the 130<sup>th</sup> meeting decision was taken that the project was located in an area which appears as Ecologically Sensitive in the Draft Notification for ESA villages in the Western Ghats. The Committee decided to wait till the said Notification was finalized; therefore the <b>Committee did not take up the case for appraisal.</b></p>

After grant of Environmental Clearance from state government, company will be started in two phase, In first phase i.e. till commissioning of RIA CETP, company will distillate their crude products manufactured in other unit of company located in Ambernath MIDC and In second after commissioning of RIA CETP company will start their production of remaining products.

The company has appointed M/s. Sadekar Enviro Engineers Pvt. Ltd. as an environmental consultant to carryout Environmental Impact Assessment study for their proposed project. The project comes under schedule 5 (f) Category 'B-1' as per the provision of 'EIA Notification S.O

1533(E)’’ dated 14.09.2006 and subsequent amendments. as it is located in the notified industrial area. The features of upcoming project are shown below,

**Table 1.1: Salient features of the project**

<b>Sr. No</b>	<b>Components</b>	<b>Description</b>
1	Location	M/s. Ambernath Organics Pvt. Ltd. Plot No. 21/2 Dhatav MIDC, Tal. Roha, Dist. Raigad.
2	Co-ordinates of the location	Latitude - 18°25’28.16’’N Longitude - 73°09’04.41’’E Elevation above Mean Sea Level (meters) – 12 m.
3	Location accessibility	<b>Railway Station:</b> Project site is accessible form Roha railway station at distance of 5.5 km. <b>Airport:</b> Chhatrapati Shivaji Maharaj Mumbai Airport is around 137 km away by road from the project site. <b>Bus Depot:</b> Project site is 2.1 km away from Roha Bus Depot. <b>National Highway:</b> Nearest Express/National Highway, NH 66 is at 2.1 km away from project site
4	Type of Industry	Small Scale Industry
5	Area	Total Plot Area- 15703 Sq.m Open Area- 7923.2 Sq.m Green Belt Area- 2591 Sq.m Built up area- 3303.94 Sq.m

Sr. No	Components	Description	
		Parking area- 1884.84 sq m	
		Name of the Product	Quantity MT/A
6	Products	Isatoic Anhydride	3005
		Anthranilic Acid	400
		Methyl Anthranilate	2000
		Dimethyl Anthranilate	200
		Buthyl Anthranilate	100
		Anthranilamide	80
		Dibromoester	40
		<b>Total</b>	<b>5825</b>
7	By Products	Name of the By-Product	Quantity MT/A
		Recovered Methanol	673.56
		Recovered n- Butanol	36.6
		<b>Total</b>	<b>710.16</b>
8	Water requirement	391.26 m3/day	
9	Power requirement	520 KW <b>Solar Energy will be used for Landscape lighting. Approximate 10 Poles are proposed capacity of 15 W for each</b>	
10	Boiler Capacity	1) 3 X Boilers of 800kg/hr capacity 2) 2 X Boilers of 1000 kg/hr capacity	
11	Effluent generation	Process :- 157.9 CMD Domestic :- 4.0 CMD Utilities :- 29.22 CMD	
12	Hazardous waste Generation	MEE Residue: 16.6 MT/D Cat: 37.3; ETP Sludge : 0.5 MT/M Cat: 35.3; Storage drums/ raw material sacks : 100 drums/Y & 160000 no. sacks/Y, Cat:- 33.3; Spent oil from gear box : 0.0216 Lit/M Cat :5.1	
13	Non Hazardous waste	Ash from coal fired boiler: 2625 Kg/D	
14	Stack height	2 stacks of 30m height will be provided	
15	Fuel requirement	Furnace oil : 7.1 KL/D or Indonesian Coal : 17.5 MT/D	
16	EMP budget	2.6 Cr.	

<b>Sr. No</b>	<b>Components</b>	<b>Description</b>
17	Project cost	8.73 Cr.