PharmaZell (India) Private Limited - Unit II
Plot No. A1 & A2, MEPZ, Tambaram,
Chennai - 600 045. INDIA
Regd. Office :
Plot No. B5 & B6, MEPZ, Tambaram,
Chennai - 600 045. Tamil Nadu, India
Phone : 044 2262 6261 / 62 63
Mail id : pipl@axplora.com

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30th September 2025

To

The District Environmental Engineer,
The Tamilnadu Pollution Control Board,
Maraimalai Adigalar Street,
Maraimalai Nagar – 603 209,
Chengalpattu District.

Dear Sir,

Sub: Environmental Statement for the Financial Year Ending on 31st March 2025 for **Unit - II**

With reference to the above, please find enclosed herewith the Environmental Statement in **FORM V** duly filled for the financial year ending on 31st March 2025 for our Unit – II (Plot No. A1 & A2) MEPZ, Tambaram, Chennai – 600 045.

Kindly acknowledge the receipt.

Thanking you

Yours faithfully
For PharmaZell (India) Private Limited

R. Vijay
AGM - HSE

Encl: a/a

30 SEP 2025

PHARMAZELL (INDIA) PRIVATE LIMITED, UNIT-2

Plot No. A1 & A2, MEPZ, Tambaram.

Chennai – 600045.

FORM-V

(See Rule -14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING THE 31st MARCH 2025

PART-A

(i)	Name and address of the Owner/ occupier of the industry operation or process	Mr.M.Sukumar Pharmazell (India) Private Ltd, Unit-II Plot No. A1&A2, MEPZ, Tambaram Chennai – 600 045		
(ii)	Industry Category Primary : - (STC Code) Secondary: - (STC Code)	RED		
(iii)	Production capacity :- per annum	**Product**	**Consent capacity (T)**	**Production Quantity (T)**
		Oratates	60.00	2.050
		Propafenone HCL	178.56	124.681
		Lysine Carbocisteine	36.00	20.006
		6-Methyl Uracil	30.00	2.999
		Balasalazide	60.00	18.363
		L Cystine	48.00	6.725
		Leucine	12.00	11.430
(iv)	Year of establishment	2002		
(v)	Date of the last environmental statement submitted	30.09.2024		

PART – B

WATER AND RAW MATERIAL CONSUMPTION

(i) WATER CONSUMPTION KL / DAY

Process	-	10
Cooling	-	38
Domestic	-	4
Boiler	-	10

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NAME OF THE PRODUCTS		PROCESS WATER CONSUMPTION PER UNIT OF PRODUCT OUTPUT	
		DURING THE PREVIOUS FINANCIAL YEAR	DURING THE CURRENT FINANCIAL YEAR
(i)	Oratates	43.33 Kl / Ton	43 Kl / Ton
(ii)	Propafenone HCL	2 Kl / Ton	2 Kl / Ton
(iii)	Lysine Carbocisteine	2.49Kl / Ton	2.49 Kl / Ton
(iv)	6 - Methyl Uracil	2.5 kl / Ton	2.5 kl / Ton
(V)	_Balasalazide	1.52 kl/Ton	1.52 kl/Ton
(Vi)	L Cystine	-	-
(Vi)	Leucine	-	-

(ii) RAW MATERIAL CONSUMPTION

NAME OF THE PRODUCTS		NAME OF THE RAW MATERIALS	CONSUMPTION OF RAW MATERIAL PER UNIT OF OUTPUT	
			DURING THE PREVIOUS FINANCIAL YEAR	DURING THE CURRENT FINANCIAL YEAR
(i)	Oratates	Orotic Acid Magnesium sulphate	700 kgs/Ton 1400 Kgs/Ton	700 kgs/Ton 1680 kgs/Ton
(ii)	Propafenone HCL	HBAH ECH Acetone	483 kgs /Ton 376 kgs/Ton 525 ltr/Ton	465 kgs/Ton 410 l/Ton 660 l/Ton
(iii)	Lysine Carbocysteine	Lysine base Carbocysteine Methanol	1200 kgs/Ton 610 kgs/Ton 3175 kgs/Ton	750 kgs/Ton 450 kgs/Ton 3175 kgs/Ton
(iv)	6 – Methyl Uracil	Urea Methyl Aceto acetate	630 kgs /Ton 1500 kgs /Ton	660 kgs/Ton 1290 kgs/Ton
(v)	Balsalazide	Sodium hydroxide Acetic acid Ethanol HCl	1070 kg/ Ton 532 kg/Ton 750 kg/ Ton 662 kg/Ton	2200 kgs/Ton 1170 kgs/Ton 4850 kgs / Ton 1470 kgs/Ton

- **Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used**

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Plot No. A1 & A2, MEPZ, Tambaram.

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PART – C

POLLUTION DISCHARGED TO ENVIRONMENT / UNIT OF OUTPUT

(a) Water Analysis Carried out by TNPCB – Marimalainagar and In house

S.NO	POLLUTANTS	QUANTITY OF POLLUTANTS DISCHARGED, (Mass/Day) (Kg/Day)	CONCENTRATIONS OF POLLUTANTS IN ZLD RO PERMEATE (Mass/Volume) (mg/lit)	PERCENTAGE OF VARIATION FROM PRESCRIBED STANDARDS WITH REASONS
1	pH	Completely Recycle to Utility System through Zero Liquid Discharge Plant	7.38	-
2	Total Suspended Solids (TSS)		8	
3	Total Dissolved Solids (TDS)		100	
4	Chlorides		20	
5	Sulphate		22	
6	Oil & Grease		-	
7	BOD		2	
8	COD		8	
9	Ammonical Nitrogen as NH3-N		-	

(b) Air Stack Monitoring Carried out by TNPCB and External Agency

S.No	Description of Chimney / Stack	CONCENTRATIONS OF POLLUTANTS DISCHARGED (Mass/Volume) (mg/m3)			QUANTITY OF POLLUTANTS DISCHARGED, (Mass/Day) (Kg/Day)			PERCENTAGE OF VARIATION FROM PRESCRIBED STANDARDS WITH REASONS
		SPM	SO2	NOX	SPM	SO2	NOX	
1	Boiler	43	13	48	4.3	1.25	4.77	-
2	Scrubber	28	11	30	2.55	1.01	2.68	

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PART – D
HAZARDOUS WASTES

(As Specified Under Hazardous Wastes (Management, Handling and Transboundary Movements) Rules, 2016)

S.NO	HAZARDOUS WASTES	TOTAL QUANTITY (kgs)	
		DURING THE PREVIOUS FINANCIAL YEAR	DURING THE CURRENT FINANCIAL YEAR
a.	**From Process**		
1	5.1, Used /Spent Oil	50	40
2	5.2, Waste /residues containing Oil	10	10
3	20.2, Spent Solvents	116850	140930
4	20.3, Distillation Residues	380880	423210
5	28.4, Date Expired discarded / Off-Specification chemicals	2290	900
6	33.1, Discarded Barrels/liners	0	0
7	36.2, Spent carbon	2860	3170
b.	**From Pollution Control Facilities**		
1	35.3, Chemical sludge	1000	2320
2	35.1, flue gas cleaning residue	0	0

PART –E
SOLID WASTES

S.NO	SOLID WASTES	TOTAL QUANTITY (kgs)	
		DURING THE PREVIOUS FINANCIAL YEAR	DURING THE CURRENT FINANCIAL YEAR
a.	**From Process**		
1	Packing Materials	1980	12470
2	PVC drums & Carbouys	210	600
b.	**From Pollution Control Facilities**		

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1	Nill	Nill	Nill
c.	**1. Quantity recycled or re-utilized within the unit**		
	PVC drums & Carbouys	210	600
2. Sold			
1	Packing Materials	1980	12470
3. Disposed (Ref Part – F)			
	Nill	Nill	Nill

PART – F

Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

S.NO	PARAMETERS	HAZARDOUS WASTE		
		SPENT CARBON	SPENT SOLVENT	DISTILLATION RESIDUE
1	Solid /Semi – Solid / Slurry or Sludge	Solid	Liquid	Semi-Solid
2	Percentage of Acid Solids	Not Applicable	Not Applicable	Not Applicable
3	Bulk Density / Specific gr.	0.75	1.06	0.95
4	Viscosity @ 30°C	Not Applicable	Not Applicable	Not Applicable
5	Calorific Value (Kcal /kg)	4937	5864	6866
6	pH @ 29.6 Deg	5.6	7.02	4.58
7	Loss of Ignition @ 550 Deg C	79.1	99.99	99.6
8	Composition of matter	Extractable Organics-<1%, Water Soluble organic -<0.1%, Water Soluble inorganic – <0.1%, Total Chloride – 0.76 %, Total Fluorides <0.1%	Water Reactive – Non Reactive; Total Sulfur- 0.26%; Chloride – 0.47%	Extractable Organics- <1%, Water Soluble organic -4.56%, Water Soluble inorganic – 0.51%, Total Chloride – 4.56 %, Total Fluorides <0.1%
9	Mode of Disposal	Safe Disposal to TSDF/ Co processing plant/Cement kiln	Safe Disposal to TSDF/ Co processing plant/Cement kiln	Safe Disposal to TSDF/ Co processing plant/Cement kiln

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Plot No. A1 & A2, MEPZ, Tambaram.

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PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of productions:

Following energy conservation measures are implemented:

1. Switching from Steam Ejectors to Dry Screw Vacuum Pumps
2. Replacing water ring vacuum pumps with dry claw pumps.
3. Conversion from direct steam hot water system to an indirect heating system
4. Reduction of energy in the system and carbon footprint (CO_2 emissions).
5. Reduction raw water consumption in several steps
6. Replaced the CFL lamp to LED energy efficient lamps.
7. OCEMS connectivity established for boiler stack emission and connected to Care Air Centre, TNPCB for continuous monitoring.

PART – H

Additional measures / Investment proposal for environmental protection including abatement of pollution, prevention of pollution.

1. Proposed to install and connect the effluent flow meters into OCEMS
2. Cycle time reduction in some of the products to reduce equipment running hours and there by reducing the carbon foot print.
3. Purchase of solar power for reducing the carbon foot print
4. Periodical medical tests are being carried out for the employees and records are being reviewed by Medical officer from DISH and the certificate is being maintained.

PART – I

Any other particulars for improving the quality of the environment:

1. As per TNPCB direction, we have provided Environmental & Plastic Awareness Program @ coastal litter monitoring KIOSK under CSR scheme.
2. Greenbelt development in the nearby forest area with the coordination of Department of Forests, GoTN. 500 trees of native species were planted.
3. Effective utilization of resources and thereby building up a sustainable environment which will be in line with the LiFE (Life style for environment) initiative by GoI

Date: 30/09/25

PharmaZell (India) Pvt. Ltd. Chennai 600 045