



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000046834

### Submitted Date

23-09-2022

## PART A

### Company Information

#### Company Name

M/s Vadivarhe Speciality Chemicals Ltd

#### Application UAN number

MPCB-CONSENT-0000118619

#### Address

Gat No-204 Nashik Mumbai Highway ,Wadivarhe  
Ta-Igatpuri Dist-Nashik-422403

#### Plot no

Gat No-204

#### Taluka

Igatpuri

#### Village

Wadivarhe

#### Capital Investment (In lakhs)

3549

#### Scale

LSI

#### City

Nashik

#### Pincode

422403

#### Person Name

Mr.Pramod Gajare

#### Designation

Director

#### Telephone Number

9422271846

#### Fax Number

0

#### Email

hr@vscl.in

#### Region

SRO-Nashik

#### Industry Category

Red

#### Industry Type

R58 Pharmaceuticals

#### Last Environmental statement submitted online

yes

#### Consent Number

Format 1.0/AST/UAN  
No-0000118619/CO-2111000529

#### Consent Issue Date

2021-11-12

#### Consent Valid Upto

2022-11-30

#### Establishment Year

2007

#### Date of last environment statement submitted

Sep 30 2021 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

1.Trimethyl Ortho Propionate (MOP)

#### Consent Quantity

3.000

#### Actual Quantity

1.473

#### UOM

MT/A

2.Tributyl Orthol Propionate- ( BOP)

1.200

0.200

MT/A

3.Trimethyl Ortho Valerate. (MOV)

2.400

0.415

MT/A

4.Tributyl Ortho Valerate (BOV)

3.000

0.620

MT/A

5.Trimethyl Ortho Butyrate (MOBU)

0.600

0.027

MT/A

6.Trimethyl Ortho Benzoate (MOB)

0.600

0.250

MT/A

7.4-Amino Morphollne ( 4AM)

4.800

0.307

MT/A

9.Ethyl Atropate (EA)	6.000	0.390	MT/A
10.3-Aminophthalhydrazide ( 3APH	2.400	0.592	MT/A
11.3-Aminophthalhydrazide-Sodium salt	0.600	0.052	MT/A
12.1-Bromo-4-terbutylbenzene	6.000	1.186	MT/A
13.N-N Dimethyl Formamide Diemthyl Acetal.(DMFDMA	2.400	0.663	MT/A
14.Tert-Butyxy bis (dimethyl amino)methane.(TBTMMDA)	2.400	0.352	MT/A
15.Brij (Wax)	36.00	15.480	MT/A
16.Hydol ( Wax)	36.00	10.383	MT/A
17.Stereoamido -propyl -dimethyl amine.(SAPDMA	36.00	2.020	MT/A
18.Sodium thieoglycolate (NaTG)	1.200	0.827	MT/A
19.Calcium thieoglycolate (CaTG)	1.200	0.501	MT/A
20.Cheamide	4.9200	0.410	MT/A
21.Aloe Vera Juice	99.9600	14.930	MT/A
22.Rosuvastatin Calcium	9.000	0.335	MT/A
23.Moxifloxacin Hydrochloride	24.00	0.520	MT/A
24.Atorvastatin Calcium	24.00	0.390	MT/A
25.Febuxostat	3.000	0.200	MT/A
26.Clopidogrel Bisulfate	0.4920	0.011	MT/A
27.Rupatadine Fumarate	1.200	0.024	MT/A
28.Lymecycline	2.4000	0.250	MT/A
29.Heck Coupled Product	0.0960	0.021	MT/A

### **By-product Information**

<b>By Product Name</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
NA	0	0	MT/A

## **Part-B (Water & Raw Material Consumption)**

### **1) Water Consumption in m3/day**

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
<b>Cooling</b>	24.41	6.50
<b>Domestic</b>	23.00	15.00
<b>All others</b>	5.00	4.00
<b>Total</b>	2.00	1.00
	54.41	26.50

### **2) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade Effluent	20.51	5.46	CMD
Domestic Effluent	4.20	3.36	CMD

### **2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)**

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
--------------------------------------	---	--	------------

**3) Raw Material Consumption (Consumption of raw material per unit of product)**

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Raw Material List Uploaded	0	0	MT/A

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Diesel (40 Lit/Hr)	40.00	7245	Ltr/A
Briquette/Wood Fire-(500 Kg/Hr)	500.0	1132.71	MT/A
LDO (20 Kg/Hr)	20.00	1370	Ltr/A

**Part-C****Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)****[A] Water**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
As Per Consent Condition Industry has Installed ZLD System.	0	0	NA	NA	NA
Suspended Solids ( STP Treated Water)	0.08	24	-52	50 mg/l	No Variation
B.O.D,3days@ 27 OC	0.04	12	-60	30 mg/l	No Variation
COD	0.13	40	-60	100 mg/l	No Variation

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
TPM (Stack-Process)	5.89	13	-91.33	150 mg/Nm3	No Variation
SO2 (Stack-Process)	3.17	07	-86.00	50ppm	No Variation
Acid Mist /HCL (Stack-Process)	3.62	08	-77.14	35 mg/Nm3	No Variation
TPM (Stack-Boiler)	29.14	40	-65.21	115 mg/Nm3	No Variation
SO2 (Stack-Boiler)	0	0	-100	17.28 Kg/Day	No Variation
T.P.M (Stack-D.G.Set-250 KVA)	2.16	118	-21.33	150 mg/Nm3	No Variation
SO2 (Stack-D.G.Set-250 KVA)	0	0	-100	16.8 Kg/Day	No Variation

**Part-D****HAZARDOUS WASTES****1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
20.3 Distillation residues	0.59803	5.295	MT/A

28.1 Process Residue and wastes	0.32083	5.386	MT/A
29.1 Process wastes or residues	2.280	1.701	MT/A
29.1 Process wastes or residues	2.999	2.243	MT/A
28.6 Spent organic solvents	0.00	75.504	MT/A
29.1 Process wastes or residues	0.03654	0	MT/A
35.1 Exhaust Air or Gas cleaning residue	0	0.026	MT/A
5.1 Used or spent oil	0	0.300	MT/A
Other Hazardous Waste	0	0.0417	MT/A

### **2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
35.3 Chemical sludge from waste water treatment	0.80593	8.385	MT/A

## **Part-E**

### **SOLID WASTES**

#### **1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Plastic Bag Packing Material	0	0	MT/A
Wooden, Metal ,Plastic ,Paper Scrap, Stationery	0	0.600	MT/A
Boiler Ash	0	15.90	MT/A
MS,HDPE, Fiber Drum	0	1000	Nos./Y
Glass Bottles	0	0	Nos./Y

#### **2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	0	0	MT/A

#### **3) Quantity Recycled or Re-utilized within the unit**

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

## **Part-F**

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

#### **1) Hazardous Waste**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
20.3 Distillation residues	9.288	MT/A	Solid
28.1 Process Residue and wastes	8.976	MT/A	Solid
29.1 Process wastes or residues	1.701	MT/A	Solid
29.1 Process wastes or residues	2.243	MT/A	Solid
35.3 Chemical sludge from waste water treatment	8.912	MT/A	Solid
35.1 Exhaust Air or Gas cleaning residue	0.026	MT/A	Solid

28.6 Spent organic solvents	75.504	MT/A	Liquid
5.1 Used or spent oil	0.300	MT/A	Solid
Other Hazardous Waste	0.0417	MT/A	Solid ( E- Waste )

## 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Plastic Bag Packing Material	0	MT/A	0
Wooden, Metal ,Plastic ,Paper Scrap, Stationery	0.600	MT/A	Solid
Boiler Ash	15.90	MT/A	Solid
MS,HDPE, Fiber Drum	1000	Nos./Y	Solid
Glass Bottles	0	Nos./Y	0

## Part-G

### Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Nil	0	0	0	0	0	0

## Part-H

### Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

#### [A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
The company has already taken efforts for abatement of Environmental protection .The company has installed Pollution Control System i.e. ETP With Steeper ,Evaporator & RO ,STP, APC With adequate capac	The Company has operating ETP with Steeper ,Evaporator & RO ,STP , APC With efficiently. The Company has monitored Air & Water testing periodically & committed towards continual improvement for Enviro	0

#### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
The Company shall arrange various type of plan i.e. Air , Water Monitoring to measure & minimize Pollution level for Environmental Protection as and when required.	The company shall be plan for Environmental protection abatement of Pollution as and when required.	0

## Part-I

### Any other particulars for improving the quality of the environment.

#### Particulars

The Company is very cautious regarding Environmental Protection. The company has already installed required pollution control systems and met the norms as per given consented parameters. The treated water of ETP is recycled to Boiler & Cooling Tower .The STP Treated water reused for Gardening purpose in the premises. The Company has Planted various types of 50 Nos of tress for the financial year & maintained Good Housekeeping and taken adequate measures for Control of Pollution from time to time

#### Name & Designation

Mr.Pramod Gajare (Director)

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000046834

**Submitted On:**

23-09-2022