



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000069173

### Submitted Date

07-09-2024

## PART A

### Company Information

#### Company Name

M/S. ETERNIS CHEMICALS PRIVATE LIMITED

#### Application UAN number

MPCB-CONSENT-0000182767

#### Address

Eternis Chemicals Pvt.Ltd. Plot No.2 & 2/1,  
Additional MIDC Kurkumbh, Village - Patas,  
Tal-Daund, Dist-Pune. PIN 413802

#### Plot no

Plot No 2 & 2/1

#### Taluka

Daund

#### Village

Patas

#### Capital Investment (In lakhs)

2582.5

#### Scale

L.S.I.

#### City

Daund

#### Pincode

413802

#### Person Name

Mr. Sudhir Gurav

#### Designation

Manager - Manufacturing

#### Telephone Number

8928519017

#### Fax Number

#### Email

sudhir.gurav@eternis.com

#### Region

SRO-Pune I

#### Industry Category

Red

#### Industry Type

R22 Organic Chemicals manufacturing

#### Last Environmental statement submitted online

no

#### Consent Number

- Format1.0/CAC/UAN  
No.0000182767/CO/2402002371

#### Consent Issue Date

2024-02-29

#### Consent Valid Upto

2025-10-31

#### Establishment Year

2023

#### Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

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

### Product Information

#### Product Name

Salicylic Acid and its Esters like Benzyl Salicylate, Hexyl Salicylate, Amyl Salicylate

#### Consent Quantity Actual Quantity UOM

1200 113.56 MT/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0.0

#### Actual Quantity

0.0

#### UOM

MT/A

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

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	30.00	4.91
Domestic	65.00	10.65
All others	25.00	4.09
Total	30.00	4.91
	150.00	24.56

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	16	1.95	CMD
Domestic Effluent	20	1.5	CMD

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

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Salicylic Acid and its Esters like Benzyl Salicylate, Hexyl Salicylate, Amyl Salicylate	0	3.94	MT/A

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

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
SALICYLIC ACID	0.0	0.0872	Ton/Ton
BENZYL CHLORIDE	0.0	0.5985	Ton/Ton
PHENOL	0.0	0.5420	Ton/Ton
XYLENE	0.0	0.0511	Ton/Ton
Liquid Carbon Dioxide(Industrial Grade)	0.0	0.2629	Ton/Ton

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Briquette	21600	376.30	MT/A
Diesel	5616	2856.0	MT/A

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
pH	0	7.2	0	6.5 to 8.5	Within Limit
COD	0	233.0	0	250 mg/lit	Within Limit
BOD	0	81.7	0	100 mg/lit	Within Limit
Total Suspended Solid	0	9.0	0	100 mg/lit	Within Limit

Total Dissolved Solids	0	81.0	0	2100 mg/lit	Within Limit
Oil & Grease	0	6.20	0	10 mg/lit	Within Limit
Chloride	0	10.35	0	600 mg/lit	Within Limit
Sulphates	0	12.57	0	1000 mg/lit	Within Limit

### **[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 ( Total Particulate Matter)	0	48.26	0	150 mg/Nm3	Within Limit
SO2 (Sulphur Dioxides)	0	2.35	0	72 Kg/Day	Within Limit

## **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>
36.1 Any process or distillation residue	0.0	0.0	MT/A
5.1 Used or spent oil	0.0	0.0	MT/A
37.3 Concentration or evaporation residues	0.0	0.0	MT/A
21.1 Process wastes, residues and sludges	0.0	0.0	MT/A
5.2 Wastes or residues containing oil	0.0	0.0	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.0	0.0	MT/A
20.2 Spent solvents	0.0	0.0	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	0.0	0.0	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>
Empty Carboys	0	0	MT/A
Empty Barrels (Non Hazardous)	0	0	MT/A
Canteen Waste	0	0	MT/A
Office trash ( Papers and other sweep material - mask, napkins etc)	0	0	MT/A
Boiler (Briquette Ash)	0	0	MT/A
Wooden Pallets	0	0	MT/A
Scrap MS/SS/Al/Cu etc	0	0	MT/A

## 2) From Pollution Control Facilities

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

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

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	MT/A	Semi Solid

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	Solid

## 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)
Yield Improvement	0.5	0	1	0	5.0	0
Water consumption reduction	1.5	0	0	0	0	0
Green Belt development	0	0	0	0	5.0	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)
Green belt development	2500 Nos of Tree plantation don within the factory and developed the green belt	7.5
Rain Water Harvesting	During rain rain water collected and used for process / cooling tower to reduce the Raw water consumption	1.5

### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
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Solar Energy	Plan to install the solar panel to use the solar energy to reduce the MSEDCL electricity	15.0
Use of 100% domestic water to gardening	The treated Effluent form STP plant use for gardening	25.0
Green Belt Development	Tree plantation inside and outside of factory	5.0

## Part-I

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

#### Particulars

1. We have employed technically competent people for day to day operation and maintenance of ETP and it is supervised by separate competent personal on day to day basis. 2. The trained persons are employed for day to day operation and maintenance of ETP. We monitor the performance of ETP on daily basis and our ETP system is giving excellent results. 3. We have appointed O & M consultants for the necessary guidelines and implemented of the necessary pollution control work. 4. We have taken effort

#### Name & Designation

Mr. Sudhir Gurav (Manager - Manufacturing)

#### UAN No:

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#### Submitted On:

07-09-2024