

o/c



Date: June 29, 2023

The Regional Officer,
Gujarat Pollution Control Board,
Plot No. H/3 - A, Phase I
GIDC, Modhera Road,
Mahesana, (Guj)

GPCB ID 18441

Subject : Submission of Environment statement (Form V) for the year 2022-23 under EPR.

Ref: : CC &A No. : AWH-118989, valid up to 31/12/2027.

Dear Sir,

Pl find enclosed herewith duly filled in Form V (Environment Statement) for the financial year 2022-23 ending on 31st March 2023.

We hope that you will find above in order.

Thanking you,

For Torrent Pharmaceuticals Ltd.


Ilesh Parikh
(GM-HSE)

GPCB RD. MEHSANA
Ilesh Parikh
05/09/23

Encl: Duly filled in Form V with annexures.

TORRENT PHARMACEUTICALS LIMITED

CIN : L24230GJ1972PLC002126

Ahmedabad-Mehsana Highway, Indrad, Tal. Kadi, Dist. Mehsana, India. Phone: +91 2764 233671-75,

Reg. Office : Torrent House, Off Ashram Road, Ahmedabad - 380 009, India. Phone: +91 79 26599000 www.torrentpharma.com

Form V (2022-23)
Torrent Pharma, Indrad

F O R M – V
(See Rule 14)

From :
M/s. Torrent Pharmaceuticals LTD.
Village : Indrad
Ahmedabad – Mehsana Highway
Tal : Kadi, Dist : Mehsana (N.G)

To,
Gujarat Pollution control Board
Sector 10-A
Gandhinagar – 382043

ENVIRONMENTAL STATEMENT for the financial year ending the 31st March 2023

PART – A

- | | | | |
|------|---|----|---|
| I. | Name and address of the owner / occupier of the industry operation or process | :- | M/s Torrent Pharmaceuticals Ltd. Plot No: 788,753 to762,764 to 768, 785,112,113,113P 114 126,128 to 130, 135, Village : Indrad, Ahmedabad Mehsana Highway Tal.: Kadi Dist : Mehsana Gujarat |
| II. | Industry Category GPCB ID | :- | Large Scale Industry ID- 18441 |
| III. | Production capacity Units | :- | Pl. Refer Annexure I |
| IV. | Year of establishment | :- | August 1987 |
| V. | Date of the last Environmental Statement submitted | :- | 13/07/2022 |

PART – C

Pollutants discharged to environment / unit of output
(Parameters as specified in the consent issued)

| | Pollutants | Quantity of pollutants discharged (mass / day) | Concentration of pollutants in discharges (mass / volume) PPM | Percentage of variation from prescribed standards with reasons |
|---|--------------|--|---|--|
| (a) | Water COD | 32.1 KG | COD-60 PPM | -40 % (below limits) |
| <i>Based on the COD limits vs actual result and total actual volume of effluent. Total volume discharged 535 KLD. Avg COD 60 PPM vs 100 PPM limits.</i> | | | | |
| (b) | Air | Emissions are within limits | | |

PART – D

HAZARDOUS WASTES

| | Hazardous Wastes | Total quantity (MT) | |
|-----|--|--|--|
| | | During the current financial year (2021 –2022) | During the current financial year (2022 –2023) |
| (a) | From Process | 1924.68 | 1164.104 |
| (b) | From pollution control facilities (Effluent treatment) | 286.56 | 354.21 |

Refer Annexure III- for Haz waste details.

Form V (2022-23)
Torrent Pharma, Indrad


5. Use of Natural Gas / Biogas in place of LPG for canteen use.
6. Major part of hazardous waste sent for disposal to cement plants for co-processing.
7. Minimized the Incinerable waste and divert it to Co-processing & Recycling.
8. GPCB has granted the authorization for hazardous waste for co-process with different Cement Plant.
9. We do disposal of ETP Sludge to Cement Plant for Co Processing instead of Landfill.
10. Recycling as a mode of disposal for following waste stream
 - a. Copper waste.
 - b. Recovered solvent
 - c. Spent Catalyst
 - d. Used Oil
 - e. Empty Drum
 - f. Liner bag
 - g. Contaminated Cotton rags and Misc. waste
11. We have provided Air pollution control system to achieve specified norms. Industry has installed scrubber in API area.
12. Recovery of steam condensate from MEE and ATFD plant for direct reuse of hot water as boiler feed.
13. Use fly Ash based bricks and use of fly ash in RCC for construction.
14. We have installed 26 nos. of rain water harvesting structures and covered large catchment area to increase the level of underground water & prevent flooding during heavy rain.
15. Installation of 10 TPH Briquette Fired Boiler to use green fuel and reduce usage of fossil fuel for environment conservation.
16. Installed RO plants for maximum recovery from effluent.
17. We have started to use eco friendly refrigerant R410A for air conditioners.

PART – I

Any other particulars for improving the quality of the environment.

1. We are certified for environment management system i.e. ISO 14001:2015, ISO 45001 and ISO: 9001:2015 from ISOQAR (Refer Annexure VI).
2. British Safety Council five star awards & sword of Honor in past.
3. Upgraded existing ETP & New ETP for betterment of effluent treatment.
4. ISO 50001: 2011 for energy management system.
5. No major accidents were reported during this year.
6. Industry has installed Organic Waste Converter machine for canteen waste treatment.
7. Biogas plant installed to reduce the greenhouse effect of waste.
8. Installation of 10 TPH Briquette Fired Boiler to use green fuel and reduce usage of fossil fuel for environment conservation.
9. ESG reporting started since FY 2020-2021. Made HSE data as a part of Integrated Report.
10. Member of portals 'Manufacture 2030'; 'PSCI' for global reporting of HSE.

Date: 29/06/2023


Name : Ilesh Parikh
Designation : G.M.-HSE
Address : Torrent Pharmaceuticals Ltd.
Village: Indrad,
Ahmedabad Mehsana Highway
Tal.: Kadi
Dist : Mehsana
Gujarat

Annexure – I : APPROVED PRODUCT & CAPACITY AS PER CC & A

Amended CCA No.: AWH-118989, valid up to 31/12/2027.

| Particular | Items | Approved Qty. |
|------------|--------------------|-------------------|
| Product | Tablets | 600 Crores/ Annum |
| | Ampoules | 300 Lacs/ Annum |
| | Vials | 500 Lacs/ Annum |
| | Hard cell capsules | 50 Crores/ Annum |
| | Bulk drugs (API) | 68 MTPA |

Torrent Pharmaceuticals Ltd. Indrad.

| SN | Therapeutic Category of API | API Products | Appr. Qty.(MTA) |
|-------------------|-----------------------------|--------------------------------|-----------------|
| 39 | Immunomodulatory agent | Dimethyl fumarate | 0.300 |
| 40 | In Treatment of Male | Sildenafil citrate | 2.000 |
| 41 | Nootropic | Rivastigmine hydrogen tartrate | 1.100 |
| 42 | | Donepezil hydrochloride | |
| 43 | Proton Pump Inhibitor | Esomeprazole Mg. | 4.000 |
| 44 | R & D Product | | 1.100 |
| 45 | API products | Alogliptin benzoate | 10.0 |
| | | Lamotrigine | |
| | | Venlafaxine | |
| | | Topiramate | |
| | | Donepezil HCl | |
| | | Esomeprazole Mg | |
| | | Quetiapine Fumerate | |
| | | Olmesartan, | |
| | | Sildenafil citrate | |
| | | Duloxetine | |
| | | Lurasidone Hydrochloride Tabs | |
| Silodosin | | | |
| Dimethyl Fumarate | | | |
| Total | | | 68.00 |

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| Annexure- II A | | |
|--|--|---------------------|
| TORRENT PHARMACEUTICALS LIMITED | | |
| List of Raw Material used in API Plant (2022-23) | | |
| Sr. No. | Material Description | Quantity in Kg/Year |
| 1 | 1,3-DIFLUORO BENZENE | 97 |
| 2 | 2-MERCAPTO-5-METHOXY BENZIMIDAZOLE (ASM) | 1346 |
| 3 | 2-METHOXY ETHANOL | 26360 |
| 4 | TETRALONE | 1000 |
| 5 | ACETIC ACID | 11151 |
| 6 | ACETONE | 109749 |
| 7 | ACETONITRILE | 36531 |
| 8 | ACTIVATED CHARCOAL | 1094 |
| 9 | ALUMINIUM CHLORIDE (ANHYDROUS) | 97 |
| 10 | AMINOGUANIDINE BICARBONATE | 9077 |
| 11 | BENZYL AMINE | 5114 |
| 12 | CAUSTIC FLAKES (SODIUM HYDROXIDE) | 14697 |
| 13 | CAUSTIC POTASH (POTASSIUM HYDROXIDE) | 159 |
| 14 | CITRIC ACID (ANHYDROUS) | 180 |
| 15 | COPPER CYANIDE (CUPRICIN) | 564 |
| 16 | D(-) MANDELIC ACID | 292 |
| 17 | DICAMOL (HYFLOW SUPERCELL) | 1792 |
| 18 | DIISOPROPYL ETHER | 3505 |
| 19 | DIMETHYL FORMAMIDE | 49129 |
| 20 | DIMETHYL SULFOXIDE (PSV) | 2591 |
| 21 | DIMETHYL SULPHATE | 95 |
| 22 | ETHANOL AMINE (2-AMINO ETHANOL) | 1 |
| 23 | ETHYL ACETATE | 230823 |
| 24 | ETHYLENE DICHLORIDE | 265 |
| 25 | FUMING NITRIC ACID | 33 |
| 26 | HYDROCHLORIC ACID | 22875 |
| 27 | HYDROXYLAMINE HYDROCHLORIDE | 78 |
| 28 | ISOPROPYL ALCOHOL | 142634 |
| 29 | LIQUOR AMMONIA | 1138 |
| 30 | METHANE SULPHONYL CHLORIDE | 785 |
| 31 | METHANOL | 672518 |
| 32 | METHYL AMINE (GAS) | 926 |
| 33 | METHYLENE CHLORIDE | 306637 |
| 34 | N,N-DIISOPROPYL ETHYL AMINE | 4744 |
| 35 | N-HEXANE (AR) | 3413 |
| 36 | PHOSPHOROUS OXYCHLORIDE | 1169 |
| 37 | PIPERAZINE ANHYDROUS | 2185 |
| 38 | POTASSIUM CARBONATE (POWDER) | 818 |
| 39 | POTASSIUM IODIDE | 6 |
| 40 | SODIUM BICARBONATE | 703 |
| 41 | SODIUM BOROHYDRIDE | 321 |
| 42 | SODIUM CARBONATE | 7621 |

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| Sr. No. | Material Description | Quantity in Kg/Year |
|--------------|--|---------------------|
| 89 | CHLORO BENZENE | 1 |
| 90 | 2-CHLOROMETHYL-3,5-DIMETHYL-4-METHOXY | 1675 |
| 91 | ACTIVATED ALUMINIUM OXIDE (POWDER) | 220 |
| 92 | 2,3-DICHLORO BENZOYL NITRILE | 4350 |
| 93 | 4-(1-HYDROXY-1-METHYLETHYL)-2-PROPYL-1H- | 0 |
| 94 | 4-CHLOROMETHYL-5-METHYL-1,3-DIOXOL-2-ONE | 0 |
| 95 | MAGNESIUM CHLORIDE HEXAHYDRATE | 882 |
| 96 | HYDROGEN PEROXIDE 50% | 70 |
| 97 | POTASSIUM HYDROXIDE | 1871 |
| 98 | BENZOIC ACID | 60 |
| 99 | FERRIC CHLORIDE ANHYDROUS | 45 |
| 100 | 10% PALLADIUM ON CHARCOAL (PAREKH PLATIN | 94 |
| 101 | 2,3-DIHYDRO-1-BENZOFURAN-5-YL ACETICACID | 24 |
| 102 | 6-FLUORO-3-(4-PIPERIDINYL)-1,2-BENZISO | 0 |
| 103 | 1-TRIPHENYLMETHYL-5-[4'-(BROMOMETHYL){1, | 2 |
| 104 | SODIUM METABISULPHITE | 23 |
| 105 | SODIUM HYPOCHLORITE | 98540 |
| 106 | 2-(2-CHLOROETHOXY) ETHANOL (PURE) | 878 |
| 107 | 1-(2-(AMINO-1-(4-METHOXY PHENYL)ETHYL)CY | 0 |
| 108 | TETRA BUTYL AMMONIUM HYDROGEN SULPHATE | 9 |
| 109 | 2,6-DIAMINO-4,5,6,7-TETRAHYDRO BENZO | 41 |
| 110 | TOLUENE | 698 |
| 111 | (1R,2R)-1,2-CYCLOHEXANE DIMETHANOL | 200 |
| 112 | 3-(1-PIPERAZINYL)-1,2-BENZISOTHIAZOLE | 464 |
| 113 | (3aR,4S,7R,7aS)-4,7-METHANO-1H-ISOINDOLE | 256 |
| 114 | POWER FOAM | 19 |
| 115 | 6-CHLOROURACIL | 210 |
| 116 | 2-(BROMOMETHYL)BENZONITRILE | 200 |
| 117 | (R)-3-AMINOPIPERIDINE DIHYDROCHLORIDE | 95 |
| 118 | N-PROPYL ALCOHOL | 2150 |
| 119 | 5,6-DIMETHOXY-1-INDANONE | 750 |
| 120 | HEXANES | 25 |
| 121 | 2,N-DIMETHYL-N-(3,3-DIPHENYLPROPYL)-1-AM | 1430 |
| 122 | 1-BENZYL-4-PIPERIDINE CARBOALDEHYDE | 515 |
| 123 | 1-BENZYL-4-PIPERIDINE CARBOALDEHYDE | 355 |
| 124 | INT-I OF NEBIVOLOL HCL STG-V ISOMER-A | 1234 |
| 125 | INT-I OF NEBIVOLOL HCL STG-V ISOMER-B | 1062 |
| 126 | 2-FLUORO NITROBENZENE | 180 |
| Total | | 2120218 |

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Annexure- II B

TORRENT PHARMACEUTICALS LIMITED

List of Raw Material used in Form. Plant (2022-23)

| SR No. | Material Description | Qty. per Annum (Kg.) |
|--------|--|----------------------|
| 1 | ACESULFAME POTASSIUM EP | 4.74 |
| 2 | ACETONE IP/USP | 2948.77 |
| 3 | Acetyl triethyl citrate USP-NF | 0.97 |
| 4 | Aciclovir Ph.Eur. | 4197.44 |
| 5 | ALFUZOSIN HYDROCHLORIDE USP | 103.13 |
| 6 | ALPRAZOLAM USP | 0.90 |
| 7 | AMITRIPTYLINE HYDROCHLORIDE BP | 60.00 |
| 8 | AMLODIPINE BESILATE BP | 345.14 |
| 9 | Ammonia Solution, Concentrated (25%) EP | 2.18 |
| 10 | AMMONIOMETHACRYLATE COPOLYMER(B) USP-NF | 1188.06 |
| 11 | ANAGRELIDE HYDROCHLORIDE IH | 7.21 |
| 12 | Apixaban (Micronized) (For EU) IH | 12.16 |
| 13 | Ar.black.che.flav/che.flav.501027/AP0551 | 10.95 |
| 14 | ARIPIRAZOLE EP | 688.07 |
| 15 | Ascorbic Acid EP/USP | 477.00 |
| 16 | ASPARTAME EP/USP-NF | 107.21 |
| 17 | ATORVASTATIN CALCIUM IH | 4.36 |
| 18 | Basic But.Meth.Co.(Eudragit E-100)Ph.Eur | 33.25 |
| 19 | Bisoprolol Fumarate EP | 159.99 |
| 20 | BORICIN PHARMA USP | 3.00 |
| 21 | Bupropion Hydrochloride USP | 901.33 |
| 22 | Butylhydroxy anisol PH.EUR | 2.45 |
| 23 | CAL.HYDRO.PHOS.DIHYDRA.EP | 20.00 |
| 24 | CALCIUM CARBONATE IP/USP | 196.90 |
| 25 | Calcium CMC Ph.Eur | 485.09 |
| 26 | CALCIUM HYDROGEN PHOSPHATE DIHYDRATE EP | 3986.99 |
| 27 | CALCIUM STEARATE EP | 1700.49 |
| 28 | Candesartan Cilexetil PH.EUR | 1888.24 |
| 29 | CAPTOPRIL USP | 225.93 |
| 30 | Carbamazepine BP | 844.79 |
| 31 | CARBIDOPA IP/BP | 261.13 |
| 32 | CARVEDILOL EP | 185.12 |
| 33 | Celecoxib (For EU) Ph.Eur | 9125.47 |
| 34 | CELLULOSE ,MICROCRYSTALLINE EP (PH 200) | 1803.63 |
| 35 | Cellulose acetate (CA-320S) USP-NF | 35.34 |
| 36 | CELLULOSE, MICROCRYSTALLINE EP | 5626.08 |
| 37 | Cellulose, Microcrystalline EP (PH 101) | 5559.06 |
| 38 | Cellulose, Microcrystalline EP (PH 102) | 8085.67 |
| 39 | Cellulose,Microcrystalline(102)EP/USP-NF | 6366.35 |
| 40 | Cellulose, microcrystalline (PH 102) EP | 1616.19 |
| 41 | Cellulose, Microcrystalline EP/USP-NF | 1825.37 |
| 42 | Cellulose,Microcrystalline(AvicelPH113EP | 333.39 |
| 43 | CETIRIZINE DIHYDROCHLORIDE EP | 376.88 |
| 44 | CHOCOLATE SPL (TRUSIL) IH | 24.02 |
| 45 | CHP Anhydrous Ph. Eur. (Calipharm A) | 140.81 |
| 46 | CIPROFLOXACIN HYDROCHLORIDE EP | 1655.06 |
| 47 | Citalopram Hydrobromide (Micronized) USP | 1842.16 |
| 48 | Citric Acid Monohydrate EP/USP | 23.17 |
| 49 | CLONAZEPAM USP | 0.57 |
| 50 | CLOPIDOGREL BISULFATE USP | 2929.26 |
| 51 | CLOZAPINE BP | 743.97 |
| 52 | Colloidal Hydrated Silica BP | 3152.37 |

| | | |
|-----|--|-----------|
| 101 | HGC S1'3' (Wh.Op./Wh.Opa.)Im.1462/1mg IH | 3349.72 |
| 102 | HGC S1'4' (GrOpa./Wh.Opa.)Im.1453/0.5 IH | 1655.97 |
| 103 | HPMC 2910 E15 LV (HYPROMELLOSE) USP | 71.74 |
| 104 | HUMAN INSULIN IP/ PH. EUR | 432.83 |
| 105 | HYD.PRO.METH.CEL.6CIP/USP | 0.60 |
| 106 | Hydro.Colloidal Silica(Aero.R972)EP | 1.00 |
| 107 | Hydrochloric Acid 37% Ph.Eur | 71.78 |
| 108 | HYDROCHLOROTHIAZIDE EP | 1486.08 |
| 109 | HYDROGENATED CASTOR OIL USP-NF | 1984.33 |
| 110 | HYDROXY PROP.CELLU.USP/NF | 2263.40 |
| 111 | HYDROXY PROPYL METHYL CELU K4M IP/USP | 2162.45 |
| 112 | Hydroxypropyl Cellulose (Klucel EXF) USP | 6737.88 |
| 113 | HYDROXYPROPYL METHYL CELLU. HPMC 6 CPS | 69.64 |
| 114 | HYDROXYPROPYLCELLULOSE EP | 161.83 |
| 115 | Hypro(Metho.K100MCR/Meto.90SH100000SR)EP | 3020.93 |
| 116 | Hypromellose - 2910(5 cps) Ph.Eur | 6432.35 |
| 117 | Hypromellose (Methocel E 5) Ph. Eur. | 17341.72 |
| 118 | HYPROMELLOSE 2910 (5 CPS) USP | 5453.16 |
| 119 | HYPROMELLOSE ACETATE SUCCINATE USP-NF | 72.80 |
| 120 | HYPROMELLOSE E15 LV USP | 3973.46 |
| 121 | HYPROMELLOSE PHTHALAT.USP | 644.27 |
| 122 | Indapamide EP | 88.42 |
| 123 | Iron (III) hydroxide polymaltose complex | 426.44 |
| 124 | Iron Oxide Red (E-172) IH | 3.53 |
| 125 | ISO PROPYL ALCOHOL EP | 101288.28 |
| 126 | Itraconazole USP | 350.69 |
| 127 | KETOROLAC TROMETHAMINE USP | 30.28 |
| 128 | Lacto.mono. USP-NF(LactochemFine powder) | 131599.16 |
| 129 | LAKE OF ERYTHROSINE IH | 0.41 |
| 130 | LAKE OF INDIGO CARMINE IH | 37.65 |
| 131 | Lake of Quinoline Yellow (L50) IH | 0.42 |
| 132 | Lake of Sun.yellow(FD&CYellow # 6Lake)IH | 0.27 |
| 133 | LAKE OF SUNSET YELLOW IH | 14.69 |
| 134 | LAMOTRIGINE (USP) | 1152.41 |
| 135 | Lamotrigine IH (SOUTH AFRICA) | 742.68 |
| 136 | LEFLUNOMIDE | 128.67 |
| 137 | LERCANIDIPINE HYDROCHLORIDE | 85.82 |
| 138 | Levetiracetam (Form - I) USP | 13310.86 |
| 139 | LEVODOPA BP | 1778.94 |
| 140 | LISINOPRIL (DIHYDRATE) USP | 8.17 |
| 141 | LOPERAMIDE HYDROCHLORIDE USP | 3.92 |
| 142 | LORATADINE (MICRONISED) | 6.00 |
| 143 | Losartan Potassium Ph.Eur. | 5813.83 |
| 144 | LOW-SUB.HYDROXYPROPYL CELLULOSE USP-NF | 2561.05 |
| 145 | LURASIDONE HYDROCHLORIDE | 486.91 |
| 146 | M.C.C (Celephere CP 305) IH | 380.00 |
| 147 | Macrogol 400 Ph. Eur. | 1168.54 |
| 148 | MAGNESIUM ALUMI.SILI.USP. | 1091.71 |
| 149 | Magnesium Stearate USP-NF/Ph.Eur | 4800.29 |
| 150 | Mannitol (Pearlitol SD-200) EP/USP | 30705.95 |

| | | |
|-----|--|----------|
| 201 | Pregabalin IH | 1486.83 |
| 202 | PREGELATINISED STARCH USP-NF | 6347.09 |
| 203 | PROPYL GALLATE EP/USP-NF | 0.90 |
| 204 | PROPYLENE GLYCOL EP | 1426.73 |
| 205 | PROTAMINE SULPHATE Ph.Eur. | 22.65 |
| 206 | QUETIAPINE FUMARATE IH/Ph.Eur. | 3015.92 |
| 207 | RABEPRAZOLE SODIUMHYDRATE USP/Ph.Eur./IH | 268.58 |
| 208 | RAMIPRIL BP | 1.50 |
| 209 | RASAGILINE MESYLATE | 0.75 |
| 210 | RISPERIDONE Ph.Eur. | 9.70 |
| 211 | Rivaroxaban IH | 235.37 |
| 212 | RIVASTIGMINE HYDROGEN TARTRATE IH/Ph.Eur | 84.59 |
| 213 | ROFLUMILAST (US) | 1.24 |
| 214 | ROPINIROLE HYDROCHLORIDE Ph.Eur | 15.60 |
| 215 | Rosuvastatin calcium IH | 4316.99 |
| 216 | SACCHARIN SODIUM I.P./USP-NF | 69.02 |
| 217 | S-AMLODIPINE BESYLATE | 5.95 |
| 218 | SEPITRAP 80 IH | 2.11 |
| 219 | SERTRALINE HCL IH | 679.03 |
| 220 | Sevelamer Carbonate IH | 0.06 |
| 221 | SILDENAFIL CITRATE Ph.Eur. | 3739.56 |
| 222 | SILICA COLLOIDAL ANHYDROUS EP | 178.72 |
| 223 | Silicified Micro.celluloseProsolv HD90IH | 5330.42 |
| 224 | SILICON DIOXIDE (SYLOID 244 FP) USP-NF | 11.70 |
| 225 | Simvastatin EP | 468.47 |
| 226 | SODIUM CARBONATE ANHYDROUS USP-NF | 2760.01 |
| 227 | SODIUM CARBOXY METHYL CELLULOSE IP/USP | 0.00 |
| 228 | SODIUM CHLORIDE IP/USP | 14.42 |
| 229 | Sodium Hydroxide EP | 26.54 |
| 230 | SODIUM HYDROXIDE PELLETS EXTRAPUREUSP/NF | 27.07 |
| 231 | Sodium Lauril sulfate Ph.Eur. | 1748.39 |
| 232 | SODIUM STARCH GLYCOLATE (TYPE-A) EP | 7750.64 |
| 233 | SODIUM STEARYL FUMARATE EP | 435.35 |
| 234 | SODIUM VALPROATE IP/BP | 4600.38 |
| 235 | Spectracol Green 505791020 IH | 16.97 |
| 236 | SPECTRACOL QUINOLINE YELLOW LK E104 IH | 218.62 |
| 237 | StarCap 1500 Co-ProcessedStarchExcipient | 288.00 |
| 238 | STARCH IP | 1173.38 |
| 239 | STARCH, PREGELATINIZED EP | 1110.84 |
| 240 | Starlac IH | 1217.65 |
| 241 | STEARIC ACID IP/USP | 32.26 |
| 242 | Strawbe. Powder Flavour (844803-8906) IH | 1.25 |
| 243 | SUCROSE (PHARMA GRADE) USP-NF | 463.51 |
| 244 | Sugar sphere (25/30) USP-NF | 17486.14 |
| 245 | SUNSET YELLOW COLOUR | 0.05 |
| 246 | Tadalafil USP | 489.52 |
| 247 | TALC EP | 6472.29 |
| 248 | TALCUM USP - NF | 1308.29 |
| 249 | Tartaric Acid (L + powder form) EP | 5.70 |
| 250 | TARTRAZINE YEL.FOOD GRAD IH | 0.24 |

Details of Hazardous Waste for the Year of 2022-23

| Sr.No. | Hazardous waste Description | Waste Category | Unit | Total Waste Quantity Generated during year (2022-23)* | Total Disposal Quantity during year | | | Hazardous Waste Quantity Utilized in- house During year (2022-23) | Total Storage Quantity end of the year |
|--------|--|----------------|------|---|-------------------------------------|---------------------------------------|-------------|---|--|
| | | | | | Disposal Facility (TSDF) | Recycler / Co-processor/pre processor | Others | | |
| 1 | Spent catalyst | 28.2 | MT | 0.000 | 0.000 | 0.000 | 0 | 0.000 | |
| 2 | Off specification Drugs | 28.4 | MT | 113.572 | 0.000 | 112.680 | 0 | 0.892 | |
| 3 | Date Expires Medicine | 28.5 | MT | 64.810 | 0.000 | 64.810 | 0 | 0.000 | |
| 4 | Process Distillation Residue | 36.1 | MT | 44.226 | 0.000 | 44.080 | 0 | 0.146 | |
| 5 | HEPA Filter | 26.2 | MT | 8.264 | 3.250 | 4.780 | 0 | 0.234 | |
| 6 | Oil Contaminated Waste | 5.2 | MT | 0.000 | 0.000 | 0.000 | 0 | 0.000 | |
| 7 | Spent Organic Solvent | 28.6 | MT | 3.630 | 0.000 | 3.630 | 0 | 0.000 | |
| 8 | Process Waste (Hyflow Super Cell) | 28.1 | MT | 35.596 | 0.000 | 34.002 | 0 | 1.594 | |
| 9 | ETP sludge | 35.3 | MT | 192.914 | 106.440 | 86.360 | 0 | 0.114 | |
| 10 | Solid Waste From MEE | 35.3 | MT | 161.410 | 161.410 | 0.000 | 0 | 0.000 | |
| 11 | Carbon Waste | 36.2 | MT | 0.000 | 0.000 | 0.000 | 0 | 0.000 | |
| 12 | Spent carbon from boiler | 36.2 | MT | 0.000 | 0.000 | 0.000 | 0 | 0.000 | |
| 13 | Resins from water purification system | 35.2 | MT | 0.130 | 0.130 | 0.000 | 0 | 0.000 | |
| 14 | Spent oil | 5.1 | MT | 8.280 | 0.000 | 8.280 | 0 | 0.000 | |
| 15 | Discarded Barrels / Containers | 33.1 | MT | 33.690 | 0.000 | 33.690 | 0 | 0.000 | |
| 16 | Discarded liners and plastic bags | 33.1 | MT | 39.321 | 0.000 | 39.321 | 0 | 0.000 | |
| 17 | Process waste (Copper Supper Cell) | 28.1 | MT | 0.948 | 0.000 | 0.948 | 0 | 0.000 | |
| 18 | Contaminated Cotton rags & Misc. Waste | 33.2 | MT | 59.049 | 2.470 | 47.060 | 0 | 9.519 | |
| 19 | Sludge and Filters Contaminated with Oil | 3.3 | MT | 0.000 | 0.000 | 0.000 | 0 | 0.000 | |
| 20 | Spent Mother Liquor (Recovered /Mix solvent) | 28.6 | MT | 764.973 | 0.000 | 764.973 | 0 | 0.000 | |
| 21 | Bleed Liquor (Process gas Scrubber) | 35.1 | MT | 0.000 | 0.000 | 0.000 | 0 | 0.000 | |
| 22 | Insulation Waste | S-1 | MT | 0.000 | 0.000 | 0.000 | 0 | 0.000 | |
| 23 | Glasswool | S-2 | MT | 0.000 | 0.000 | 0.000 | 0 | 0.000 | |
| 24 | Thermocol Waste | S-3 | MT | 0.000 | 0.000 | 0.000 | 0 | 0.000 | |
| | Total Quantity | | MT | 1530.813 | 273.700 | 1244.614 | 0.00 | 12.499 | |

* Generation includes the opening stock of the year.

Torrent Pharmaceuticals Limited, Indrad

Hazardous waste categorization, composition and disposal practices details

Annexure-IV

| Sr. No. | Waste type | Category | Physical Form | Storage | Treatment | Mode of Disposal |
|---------|--|-------------|--------------------|---------------------------------|---|--|
| 1 | Process waste (Hyflow super cell) | 28.1 | Soil | Stores at Haz Waste room at ETP | | Collection, storage, disposal to Co-processing in cement kiln of M/s Ambuja Cement or Dhar Cement Works, Dhar (MP) or Gujarat Cement works, Kovaya(Gujarat), or Aditya cement works, Chittorgarh, (Rajsthan,) or Vikram Cement works, Neemuch, (MP) |
| 2 | Process Distillation Residue | 36.1 | Solid / Semi Solid | Stores at Haz Waste room at ETP | | OR |
| 3 | Off specification Drugs(Product) & Date Expired medicine (Product) | 28.4 & 28.5 | Solid | Stores at Haz Waste room at ETP | Co-Processing / Pre-Processing / Incineration | RSPL Recycling solution pvt ltd, Panoli |
| | | | | | | OR |
| 4 | ETP Sludge | 35.3 | Solid | Stores at Haz Waste room at ETP | Co-Processing / Pre-Processing / TSDF | OR |
| | | | | | | common incineration facility of SEPPL |
| | | | | | | Collection, storage, disposal to Co-processing in cement kiln of M/s Ambuja Cement or Dhar Cement Works, Dhar (MP) or Gujarat Cement works, Kovaya(Gujarat), or Aditya cement works, Chittorgarh, (Rajsthan,) or Vikram Cement works, Neemuch, (MP), OR GEPIL, Singhapor, Rajasthan OR Wonder Cement, Nimbodara, Rajasthan |
| | | | | | | OR |

| | | | | | | |
|----|---|------|--------------------|---------------------------------|---|--|
| 12 | Resins from water purification system | 35.2 | Solid | Stores at Haz Waste room at ETP | TSDF | Collection, storage, transportation and disposal at TSDF Site. |
| 13 | Spent carbon from boiler | 36.2 | Solid | Stores at Haz Waste room at ETP | | Collection, storage, transportation and disposal to Pre-processing at RSPL. Recycling Solution Pvt.Lt,Panoli, OR Co-processing in cement Kiln of M/s.Ambuja cement Ltd |
| 14 | HEPA Filter | 26.2 | Solid | Stores at Haz Waste room at ETP | Co-Processing / Pre-Processing / Incineration | OR Co-processing at plants of M/s.shree cement Ltd,at Village: Ras Tesil ;Jaintaram,Dist:pali and village Andheri,Deori Beawar Dist:Ajmer(Rajasthan) OR Collection, storage, transportation and disposal at common incineration facility of SEPPL |
| 15 | Oil contaminant waste | 5.2 | Solid | Stores at Haz Waste room at ETP | Incineration | Collection, storage, transportation and disposal at common incineration facility of SEPPL |
| 16 | Contaminated cotton rags & misc. contaminated waste | 33.2 | Solid | Stores at Haz Waste room at ETP | Send to Register Recycler / Pre-Processing / Incineration | Collection, storage, transportation and disposal at common incineration facility of SEPPL, GEPL, Singhpur, Rajasthan OR Send to register recycler, i.e. Asian Envirocare, Chhatral |
| 17 | Sludge and filters contaminated with oil | 3.3 | Solid / Semi Solid | Stores at Haz Waste room at ETP | Incineration | Collection, storage, transportation and disposal at common incineration facility of SEPPL |
| 18 | Spent catalyst | 28.2 | Solid | Stored at Designated place | Regeneration | Collection, storage, transportation and Sold to Registered recycler or return back to origin supplier |

Note

| Transporter Details for Incineration/Co Process/Pre Process site | |
|--|--|
| 1 | Recycling Solution Pvt. Ltd Plot No: 223 , GIDC Estate, Panoli , Dist : Bharuch Gujarat |
| 2 | Jay Nageshwari Roadways Opp. MBH Pumps, GIDC Naroda, Ahmedabad-382330 |
| 3 | Dhruv Roadlines 5, 1St floor, Maruti Complex, Suttar Karkhana, Naroda Ahmedabad-382330 |
| 4 | Sai Waste Management Co. Peregrine House, Plot No.- A1/110, Diamond Estate, Tal. Ankleshwar, Dist. Bharuch, Gujarat-393001 |

| Transporter details for landfill site | |
|---------------------------------------|--|
| 1 | Dhruv Roadlines 5,1St floor, Maruti Complex, Suttar Karkhana, Naroda Ahmedabad -382330 |

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