



26th June, 2019

Visakhapatnam

To

The Environmental Engineer

AP Pollution Control Board,

Regional Officer

VUDA Layout, Madhavadhara

Visakhapatnam- 530009

Subject: Filing of returns of Hazardous waste in form IV for the FY 2018-19.

Respected Sir,


With reference to the above said subject we are herewith submitting the returns of hazardous waste in Form IV for the period 2018-19.

Kindly acknowledge the receipt of the same.

Enclosure: Form IV

Thanking You

For Torrent Pharmaceuticals Limited


(N. Rajyalakshmi)

Manager-HSE

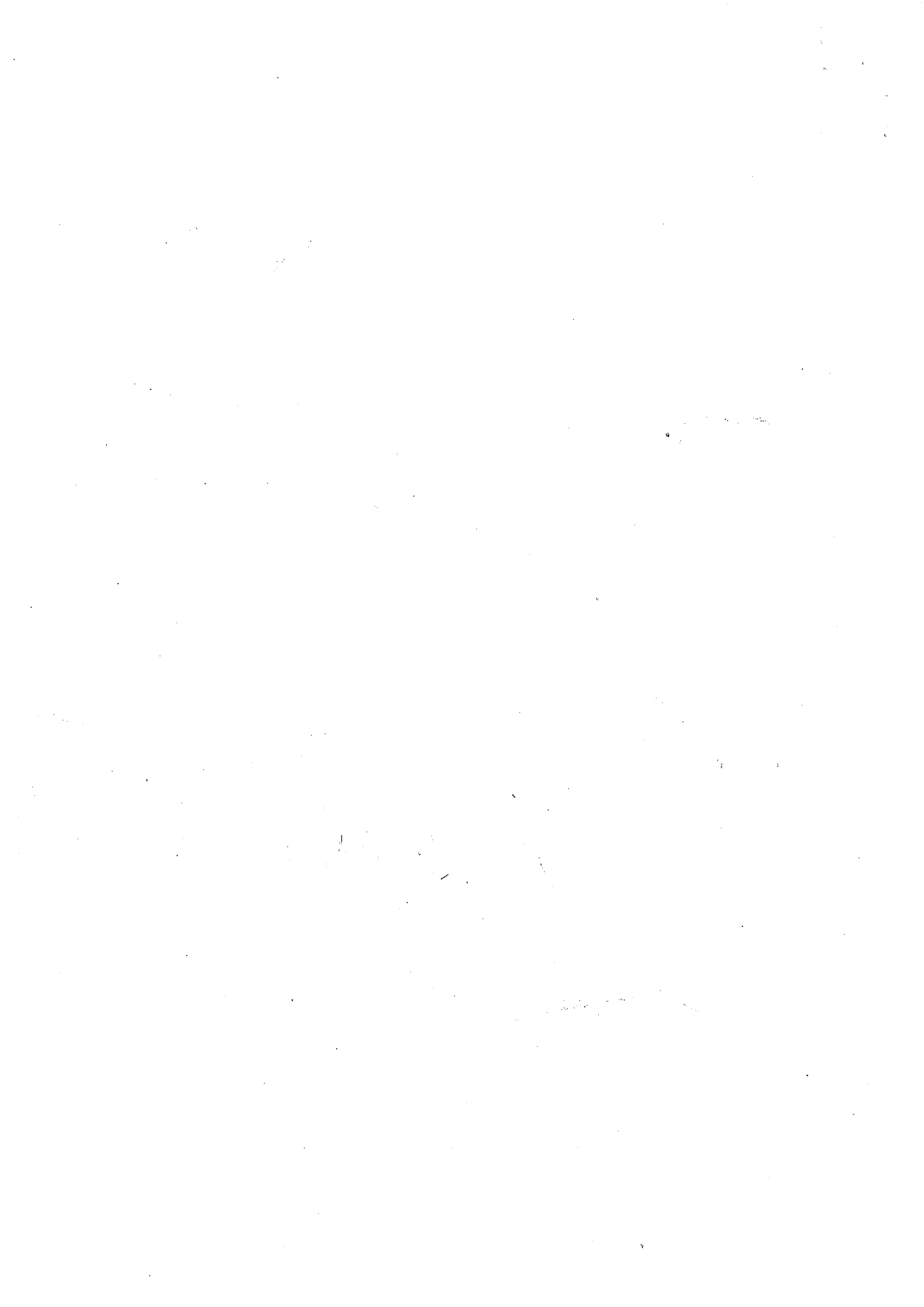


TORRENT PHARMACEUTICALS LIMITED

CIN : L24230GJ1972PLC002126

Plot No. 77, Jawaharlal Nehru Pharmacy, Thanam Village, Parawada Mandal, Visakhapatnam Dist.-531021 A.P. Ph. : 0891-3016517

Reg. Office : Torrent House, Off Astram Road, Ahmedabad - 380 009, India, Phone : +91 79 26585090 www.torrentpharma.com



FORM 4

[See RULE 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March]

1. Name and address of facility: Torrent Pharmaceuticals Limited, Plot No 77,
J.N, Pharmacy, Thanam (V), Parawada (M),
Visakhapatnam-531021.

2. Authorization No and Date of issue: APPCB/VSP/VSP/132/HWM Dtd: 08-10-12

Consent Order No APPCB/VSP/VSP/303/CFO/HO/2016
Dtd: 01-10-2016 auto renewal obtained with validity
31-12-2022.

3. Name of the authorized person and full address with telephone, fax number and e-mail: Akash Patel, Site Head
Torrent Pharmaceuticals Limited, Plot No 77,
J.N, Pharmacy, Thanam (V), Parawada (M),
Visakhapatnam-531021.
0891-3016502 Extn-601
akashpatel@torrentpharma.com

4. Production during the year (Product wise) wherever applicable.

Production Data for April 18 to March 2019

Products	UOM	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Total (Kg)
ESOMEPRAZOLE MAGNESIUM STAGE-III	Kg			616.01	2105.62		339.15	314.925						3375.705
LAMOTRIGINE	Kg	571.23	647.89	486.45		74.73		245.78				248.01	247.88	2521.97
LERCANIDIPINE HYDROCHLORIDE	Kg	36.78	85.9	129.33										252.01
NICORANDIL	Kg							197.27	94.585	87.855	104.8	101.98	53.065	639.555
RIVASTIGMINE HYDROGEN TARTRATE	Kg	25.25												25.25
ROPINIROLE HYDROCHLORIDE	Kg			15.8			16.59	16.42				16.73		65.54
SILDENAFIL CITRATE	Kg	65.4	662.81	162.05									3.62	890.26
TAPENTADOL HEMIPAMOATE	Kg		3.37	3.37										10.36
TRC041266	Kg				162.34	45.58							27.5	235.42
TRC160334	Kg										2.14		2.795	4.935
TOTAL														8021.005

Part A. To be filled by hazardous waste generators

1. Total quantity of waste generated category wise
2. Quantity dispatched
 - (i) To disposal facility

HAZARDOUS WASTE 2018-19

S.No	Name of hazardous waste	Type of disposal	Limit (TPA)	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Total in Ton
1	Process and Organic Residue	Incineration	641.65	0	0	0	0	0	0	0	0	0	0.0349	2.8	0	2.8349
2	Inorganic Solid Waste & Salts (Inorganic Process Salts)	Landfill	241.19	0	0.08642	0	0	0	0	0.36969	0	0.11425	0	0.13621	0.219	0.92556
3	Spent Carbon+Hyflow (Spent Carbon)	Incineration	62.18	0	1.28059	0	0.883	0	0.29327	0.05175	0	0.53152	0.165	0	0.379	3.584085
4	ETP Sludge	Incineration	25	0	0	0	0	0	0	0.326	0	0	0	0	0	0.326
5	Sodium Hydride Empty bags	Incineration	0.234	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Rejected product	Incineration	Actuals	0	0	0	0	0	0	0.04	0	1.10764	1.808	0.83001	0.0276	3.813245
7	Used PPE	Incineration	3.5	0.05	0.404	0	0.286	0.16292	0.25821	0.049	0	0.2838	0	0.29	0.23	2.013926
8	Rejected raw materials	Incineration	Actuals	2.875985	0	0.122	0	0	0	0	0	1.76029	1.6312	0.76	0.746	7.895482
9	Hepa Filters	Incineration	3	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Insulation wool	Landfill	0.99	0	0.052	0.151	0	0	0	0	0	0	0	0	0	0.203
11	Thermocol	Incineration	0.5	0	0.036	0	0.027	0	0	0	0	0	0	0	0	0.063
12	HDPE/LDPE Bags	-	8.78	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Expired Laboratory Chemicals	Incineration	1	0	0	0	47.76 Lts 0.0685	0	0	0	0	0	0	0	0.41	47.76 Lts 478.48
14	Filtration Bags	Incineration	500 No/Annum	0.05012	0.03851	0	0.0773	0	0.05406	0	0	0.08138	0.04	0	0.038	0.379405
15	Contaminated sand	Landfill	2	0	0	0	0	0	0	0	0	0	0	0	0.043	0.043
16	General waste	Incineration	25	0.25	1.29748	1.727	0.48	0.877	1.484	0.514	0	1.295	0	0	0	7.92448
17	Foam	Incineration	1	0	0.015	0.042	0	0	0	0	0	0	0	0	0	0.057
18	Cooling tower packing material	Incineration	2	0	0	0	0	0	0	0	0	0	0	0	0	0.154
19	Cooling tower Sludge	Incineration	10	1.35	0	2.26	0	0	0	0	0.756	0	1.25	0	0.127	5.743
20	Ash Bricquette	Landfill	251	0	0	0	0	0	0	0	0	0	52.07	7.73	9.02	68.82

(ii) To recycler or co-processors or pre-processor

S.No	Name of hazardous waste	Limit	Total Disposal Nos
1	Empty barrels/Container/Liners Contaminated with hazardous Chemicals waste	12000 Nos/Annum	834 Nos (13.26 Ton)

(iii) Others

S.No	Name of hazardous waste	Limit	Total Disposal Nos
1	-	-	-

3. Quantity utilized in-house, if any-

Name of the Solvent	UoM	Distillation Column / Process Distillation Generated						Disposal		
		Spent/ML Gen	Spent/ML Used	Distilled/ REC.	Residue	Spents/ML	Distilled/ REC	Residue		
									Residue	
Acetone	KL	17.188	12.000	14.990	0.000	1.700	10.818	0.000		
Methylene Chloride	KL	21.079	24.000	60.006	0.000	0.599	28.717	30.800		
Toluene	KL	3.535	0.000	4.400	0.000	1.520	3.080	0.000		
Ethyl Acetate	KL	29.058	12.000	12.378	0.000	0.000	21.344	9.832		
Iso Propyl Alcohol	KL	31.155	32.000	28.600	0.000	11.800	24.800	0.000		
Cyclo-Hexane	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Di isoPropyl Ether	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
MonoChloroBenzene	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Methyl iso butyl ketone	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
TetraHydroFuran	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Hexane	KL	0.000	0.000	1.120	0.000	0.000	1.800	0.000		
Ethylene Di amine	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Methanol	KL	145.858	114.150	182.801	0.000	14.073	126.120	34.592		
DiMethylFormamide	KL	13.440	0.000	0.000	0.000	0.000	9.695	0.000		
Dimethyl sulfoxide	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Methyl tetry butyl ether	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Acetonitrile	KL	4.055	4.000	3.850	0.000	0.662	3.850	0.000		
Acetic Acid	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Hydrochloric acid	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Mixed Solvents	KL	72.184	0.000	2.080	0.000	27.509	43.095	0.000		
Chloroform	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
N-Hexane	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Piperazine	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
L-Camphor sulphonic acid	KL	0.000	0.000	0.000	0.000	0.000	0.000	0.000		

FY 2018-19

4. Quantity in storage at the end of the year-

S.No	Hazardous waste Name	UOM	Quantity
1	Inorganic Process Salt (Sodium sulphate)	Kgs	100
2	Rejected Raw Materials	Kgs	480
3	Spent Carbon	Kgs	360
TOTAL		Kgs	940

Part B. To be filled by Treatment, storage and disposal facility operators

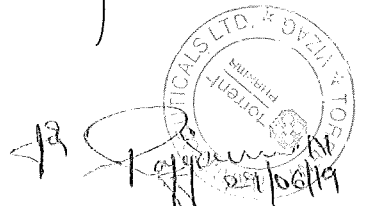
1. Total quantity received-
2. Quantity in stock at the beginning of the year-
3. Quantity treated-
4. Quantity disposed in landfills as such and after treatment-
5. Quantity incinerated (if applicable)-
6. Quantity processed other than specified above-
7. Quantity in storage at the end of the year-

Not Applicable

Part C. To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year-
 - (i) Domestic sources
 - (ii) Imported (if applicable)
2. Quantity in stock at the beginning of the year-
3. Quantity recycled or co-processed or used-
4. Quantity of products dispatched (Wherever applicable)-
5. Quantity of waste generated-
6. Quantity of waste disposed-
7. Quantity re-exported (Wherever applicable)-
8. Quantity in storage at the end of the year-

Not Applicable


 Signature of the Occupier or

Operator of the disposal facility

Date... 22/06/19

Place... Patawada