



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

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Website : www.gpcb.gov.in

By R.P.A.D.

NOTICE OF DIRECTION UNDER SECTION 33-A OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT-1974 (HEREINAFTER REFERRED TO AS THE "WATER ACT") AS AMENDED FROM TIME TO TIME.

WHEREAS you M/s. Hemani Industries Ltd are having an industrial plant at Plot No: CH-5, E-362, GIDC Estate Dahej, Tal: Vagra, Dist: Bharuch.

AND WHEREAS you are having CCA No. AWH-109766 valid up to 14/07/2025 to manufacture various Pesticides (Technical & Formulation).

AND WHEREAS during the inspection of your industrial plant on 08/09/2021 under Section - 23 of the Water Act by the authorized officer of the Board it has been noticed and required to attend following issues:

- 1) Sample collected from final treated wastewater holding tank shows COD: 272 mg/l (Limit: 250 mg/l), Suspended solids: 126 mg/l (Limit: 100 mg/l) which is marginally higher than prescribed consented limit.
- 2) Leakage in most of plant area and MEE area is observed and housekeeping is very poor due to leakage.
- 3) Steam leakage is observed in MEE-3 (300 KLD) due to damage of joint gasket.
- 4) TOC meter provided at the final outlet of ETP is not connected to GPCB/ CPCB server.

Now, therefore I P. B. Patel, Dy. Environment Engineer proposes to issue Notice under section (33) (A) of the Water (Prevention and Control of Pollution) Act-1974 as under:

1. Why not to issue closure direction under section 33(A) of the Water (Prevention and control of pollution) Act - 1974 to prohibit you from manufacturing activity?
2. Why not to direct to concern authority for disconnection of Power Supply & Water Supply of your industrial plant?

(P.T.O.)

Clean Gujarat Green Gujarat

ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation

You are hereby directed to reply & submit compliance of above points (as a part of opportunity of being heard following law of natural justice) within 15 days from the date of serving of this notice failing which, it shall be presumed that you have nothing to say in this matter and appropriate action will be initiated against you for the conduct of the business of your industry, under the Water Act-1974 for above non-compliance.

**FOR AND ON BEHALF OF
GUJARAT POLLUTION CONTROL BOARD**



**(P.B.PATEL)
DY. ENVIRONMENT ENGINEER**

NO: GPCB/BRCH-B/CCA-33(19)/ID: 12155/600649

Date: 15/09/2021

Issued to:

M/s. Hemani Industries Ltd

Plot No: CH-5, E-362,
GIDC Estate Dahej,
Tal: Vagra, Dist: Bharuch.

Copy To:

The Regional Officer,
Gujarat Pollution Control Board,
Regional Office,
Bharuch..... for monitoring & verification and send IR/AR.



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PCB Id: 12155

(Inspection Report) - Air,Water,Hazardous

(Under Section 23 of The Water Act 1974, Under Section 24 of The Air Act 1981 and Under Section 10 of EP Act 1986)

1 **Industry Details** Hemani Industries Ltd.

Outward No: 28994-13/09/2021

Email : ehs@hemanigroup.com

PLOT NO:CH-5,E-362,
GIDC, -,
Dahej - 392140

Telephone : -

DIST : Bharuch , TAL : Vagra , SIDC : Dahej

Inspection Id : 619514 (Routine Visit)

Ro Name : Bharuch

2 **Type / Scale / Sector / Status :** RED / MEDIUM / Pesticides (technical) (excluding formulation) / In Operation

3 **Inspection Dt & Time :** 08/09/2021 16:00 / Air , Water , Hazd **Person Contacted :** Mr. Viral Pastagia - GM EHS

4 **Env Audit Detail :** Sch : 1 , Dharmsinh Desai University , Year : 2017 , On Dt :

Commissioned Dt : 19/08/2010

Production Start Dt : 19/09/2010

Applicability of CRZ Rules : No

5 **Water Consumption in Kilo Lts Per Day** Ind : 3305.000 Dom : 225.000 **Borewells:** 0

6 **Waste Water generation / Discharge (klpd) :** Ind : 1838.000 Dom : 150.000 **Tubewells:** 0

7 **Consumer No.(Electric Meter):** Source of Water Supply: SIDC

8 **Disposal Mode of Industrial / Domestic :** Sea / Irrigation

9 **Discharge Pt / Final Receiving Body (Ultimate):** Deep Sea via GIDC Drain / High COD-Incinerator, TDS-MEE, Low COD-ETP

10 **Status of water consent Under the Water Act,1974:** AWH-109766-14/07/2025 Last Inward:191796-Mar 11 2021 [GRT]

11 **Effluent Treatment plant (ETP) : Units, if provided and status :**

ETP Details : P-Chemical Dousing Tank,P-Clarifier,P-Collection Cum Equalization,P-Collection Tank,P-Flash Mixer,P-Nuetralization,P-Oil-Grease Trap,S-Aeration Tank,S-Sec Clarifier,S-Settling Tank,S-Sludge Dry Beds,S-Sludge Holding Tank,T-Carbon Filter,T-Reverse Osmosis,T-Sand Filter

12 **Whether Industry is a member of CETP ?** No

13 **Boilers=5 , DG Sets=1 , Flue Gas =13, Process =9 , ETP Cap = 7309 , Capacity of All = 1010 KVA x 8nos.**

APCM Details : Alkali Scrubber,E.S.P,Not provided,Scrubber,Water Scrubber

Fuel Used : Coal,H.S.D,ldo,Natural Gas

Stack Attached to : *** Not Applicable,Boiler,Boiler+T.F.H,D.G. Sets,Fuel Heater(Thermic),Incinerator

14 **TSDF Name :** Bhachau-Saurashtra Enviro Projects Pvt. Ltd[28203]

15 **Lab Charges Pending :** Rs. 5240.00 **Water Cess Charges Pending :** NIL

16 **Last Env. Form V :** 2020-2021 **Water Cess Return :** 2017-2018 **HW Monthly Return :** 2021-08

17 **Last 3 Legal Action :**

Insp Dt	Act	Leg Dt	For	Insp ID	IR-Leg	Type	Out No
24/05/2021	NOT	19/07/2021	33A,,	606063	NOT	NOT	595509
15/02/2021	NOT	04/05/2021	33A,,	596190	NOT	REV	589428
15/12/2020	SCN	30/04/2021		588039	SCN	DIR	589243

Monthly Patrak Data : Last Return : 202108 **HAZD Waste Disposal :** 337.380 (209 Trucks)

Electricity Units Consumed in month	Water Consumed in month	Effluent Discharged in month
Production - 3415400, ETP - 185670, APCM - 124150	Meter Reading - 1653006, Kilo Litre - 59894	Meter Reading - 544486, Kilo Litre - 10443



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One Time Updatons

k -	Recycler Registration Valid ??	N.A	
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General Observation

a -	Is the Industry in Operation ??	Yes	
a -	R.O File No	ID-12155	
b -	Industry Operating without CCA	No.	
c -	Has Production exceeded (last 3 MTHs) than CCA-Qty	No.	
d -	Any products-NOT in CCA, manufactured-Last 3 MTHs	No.	
e -	Foul Odour/Fugitive Emission/Bye Pass in Premises ??	No.	
f -	Industry Name CHANGED in recent times ??	No.	
g -	Has Regn with CETP or TSDF expired ??	N.A	
h -	Seperate Energy Meter for A.P.C.M ?	N.A	
h -	Provision of any STAND-BY Pump ??	N.A	

Air Related

a -	Fuel Type confirmitive with CCA ?	Yes	
b -	Av. Fuel Consumption EXCEEDING CCA limits	No.	
c -	APC Measures confirmitive with CCA conditions ??	Yes	
d -	ALL APCMs are in operation	Yes	
e -	SMF availability	Provided	
f -	Thick Smoke observed in Flue Gas/Processes ??	No.	
g -	ph of Scrubbing Media as per requirement ??	Yes	
h -	Ultimate Disposal of Scrubbing Media	ETP	
i -	Nos of Samples : Stack & Ambient	0, 0	

GEM

18 -	Where Authorization Under BMW Rules 2016 obtained ? Provide Authorization No. / Date	Yes	NA
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Haz Waste Related

a -	Haz waste Catg confirmitive with CCA	Yes	
b -	H.W generation exceeding CCA limits	No.	
c -	Collection, Storage, Treatmnt, Disposal Facility Adequate ??	Yes	
d -	Reusing or Recycling of Haz Waste by Industry ?	No	
e -	LogBook / XGN Manifests / Disposal Records TALLYING ??	Fully	
f -	Stock of Haz-Waste @ premises/Whether EXCESS ?	As per IR	
g -	Recycler/ Actual user has valid Authorization under rules 6 or 9 of HOWR-2016?	Yes	NA
h -	Installed capacity of the plane based on machinery installed (Capacity of Machine,No. of Batch/Day,Annual Capacity)	---	
i -	Technical capability and equipment complying with the SOP/Guideline?	Yes	
j -	Is unit complying the conditions gives in SOP/Guidelines?	Yes	
k -	Facility is adequate for the applied process	Yes	
l -	Passbook is maintained?	Yes	
n -	Details of PLI, if applicable	---	
n -	Details of safety specs provided by the facility	---	
o -	Seperate storage area for Haz. Waste for the utilization or generation from the process is provided?	Yes	
p -	Quantity of Hazardous waste procured as per CCA?	Yes	

Water Parameter

b -	Source of Water Supply	SIDC	
c -	W.W.G is EXCEEDING the CCA Limits	No.	



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d	-	W.W Disposal as per the Consent Conditions ?	Yes	
e	-	Was the ETP in operation ?	Yes	
f	-	Treatment System ADEQUATE to handle existing effluent	Adequate	
g	-	Did u observe ANY ILLEGAL Discharge ??	No.	
h	-	Nos of Samples collected	2	

Remarks :

556-366 =190 KL/day Incinerate& MEE Total 556KL/day generation

Note: EIA 2006 / SEIAA / E.C / MOEF Applicable : Yes

Site Observations during Inspection , PCB-ID: (12155)

This Unit is inspected in routine monitoring. During visit, unit is found working and all plants are in operation. As per last six months production record of the unit, production is observed within CCA and average water consumption in last six months is: March 21- 1771.52 KL/d, April 21- 1763.07 KL/d, May 21- 1765.39 KL/d, June 21- 1830.10 KL/d, July 21- 1969.68 KL/d, August 21- 1932.06 KL/d. All sections of ETP provided for Low TDS/COD wastewater are found in operation. Average Discharge of treated Low TDS/COD wastewater in last three months is Feb 21- 354.03 KL/d, March 21- 367.13 KL/d, April 21- 376.67 KL/d, May 21- 365.39 KL/d, June 21- 381.30 KL/d, July 21- 352.61 KL/d, Aug 21- 336.87 KL/d. One sample of treated wastewater is collected from final outlet of ETP and one another sample of untreated wastewater from Collection tank of low TDS/COD ETP. For treatment of High TDS/COD wastewater, unit has 2 nos. of Pretreatment tanks, 3 nos. of MEE feed tanks, Filter Press and 3 nos. of MEE (MEE-1: 100 KL/d, MEE-2:100 KL/d, MEE-3: 300 KL/d). During inspection, all the pretreatment tanks and MEE feed tanks are partly filled with wastewater and MEE-2 (100 KL/d) & MEE-3 (300 KL/d capacity) is found in operation. However, MEE1 is observed not in operation. As per record of the unit, high TDS/high COD wastewater generation in last six months is: March 21- 3876.20 KL, April 21- 3587.72 KL, May 21- 3746.20 KL, June 21- 3713.67 KL, July 21- 3783.63 KL, Aug 21- 3722.9 KL and MEE feed (High TDS/COD w/w taken in own MEE) is March 21- 3411 KL, April 21- 3591 KL, May 21- 3705 KL, June 21- 3996 KL, July 21- 4589 KL, Aug 21- 5486 KL and High TDS/COD waste sent to Common MEE of ACPTCL in last six months is: March 21- 184.32 KL, April 21- 128.02 KL, May 21- Nil, June 21- Nil, July 21- Nil, Aug 21- Nil. Leakage in most of plant area and MEE area is observed and housekeeping is very poor due to leakage. Written instruction is given for the same. Also written instruction is given to take all necessary measures to prevent storm water drain contamination due to leakages and to ensure that any contaminated storm water does not flows outside premises. Further steam leakage is observed in MEE-3 (300 KLD) due to damage of joint gasket. Written instruction is given to rectify the same at the earliest. Unit has provided TOC meter at the final outlet of ETP, however not connected to GPCB/ CPCB server. Written instruction given to connect the same with GPCB/CPCB server. All provided APCM are found working and any abnormal emission is not observed. About 260 MT of ETP sludge, about 500 MT of MEE salt, about 10 MT of Incinerable Liquid waste, about 40 MT of Distillation residue waste are found stored within premises of the unit. [505]-13/09/2021

~ RO Comments/Reply :action may be initiated on the basis of IR & AR of collected sample.-13/09/2021

I recommend :

W.C Notings: -----[4756-AEE]~



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(Under Section 23 of The Water Act 1974, Under Section 24 of The Air Act 1981 and Under Section 10 of EP Act 1986)

Specific Instructions given to Industry at the time of visit , for Pt to Pt Compliance

Leakages in most of the plant area and MEE area is observed and house keeping is very poor due to leakage. Take all necessary measures to prevent storm water contamination and ensure that any contaminated storm water does not flows outside premises.
 Steam leakage in MEE-3 (300 KLD) is observed due to damage joint gasket. Rectify the same at the earliest.
 Connect the provided TOC meter with GPCB/CPCB server as per CPCB guidelines.

Compliance Observed in this Inspections.

Instructions in Previous Visits and Reply	Insp Det	Instruction Status
• One sample of treated waste water is collected from final discharge point of unit during surprise night monitoring in the presence of industry's representative.	601704(26/03/21)	Pending !! Reminded AGAIN



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Annexure Details - Air, Stack, Hazardous Waste & Samples PCB-ID: (12155)

A Sample Details

Sr	Act	Ph/Temp/Air Sampled	Time	Type	Sampling Point	Col-Cond
1	W-12	@ 7-8 on ph strip / 29	1605-1605	REP	final treated waste water holding tank ~	Yellowish
2	W-12	@ 7-8 on ph strip / 29	1610-1610	REP	from collection tank of low cod/tds etp ~	Brownish

B Process Stacks

Sr	Stack attached to	Mts	Remark	Details of APCM	Probable Pollutants.
1	Reaction Vessels	15	reactor-1-cmac plant	ASC	SO2-40, NOX-25, HCL-20, CHI-9, H2S-45, HYD-15,
2	Reaction Vessels	15	reactor - 2 /mbd plant	ASC	SO2-40, NOX-25, HCL-20, CHI-9, H2S-45, HYD-15,
3	Process Emission Vessel	12	herbicide plant	ASC, WSC	SO2-40, HCL-20, HYD-15, HBr-5,
4	Process Emission Vessel	12	fungicide plant	ASC, WSC	SO2-40, HCL-20, HYD-15, HBr-5,
5	Process Emission Vessel	12	insecticide plant	ASC, WSC	SO2-40, HCL-20, HYD-15, HBr-05,
6	Process Emission Vessel	15	t. c. plant	ASC	SO2-40, NOX-25, HCL-20, CHI-9, H2S-45, HYD-15, HBr-,
7	*** Not Applicable	0		N.A	
8	Process Emission Vessel	12	process vent	SCR	SO2-40,
9	Process Emission Vessel	12	process vent	SCR	AMM-175,

C Flue gases Stacks

Sr	Stack attached to	Mts	Remark	SMF	APCM	Fuel	Consp-Unit	Insp Remk
1	Boiler	50	boiler-1	YES	ESP, SCR	Coal	7800 MT/month	
2	Fuel Heater (Thermic)	12	Thermic fluid Heater	YES	N.A	Natural Gas	5150 m3/day	
3	Incinerator	30	INCINERATOR	YES	SCR	ldo	330 KL/Month	
4	Boiler	50	Boiler-2	YES	ESP, SCR	Coal	7800 MT/month	
5	D.G. Sets	11	D.G. Set (1000 KVA x 8 nos.)	YES	N.A	H.S.D	66 KL/Month	
6	*** Not Applicable	0		YES	N.A	Natural Gas		
7	Incinerator	30	Incinerator	YES	SCR	ldo	330 KL/Month	
8	*** Not Applicable	0		NO	N.A	Not Used/N.A		
9	*** Not Applicable	0		YES	NOT	Not Used/N.A		
10	Boiler+T.F.H	50	Thermic Fluid Heater & Boiler (8 MT/Hr)	YES	ESP, SCR	Natural Gas	5150 m3/day	
11	Boiler	50	Steam Boiler-1 (8 TPH)	YES	ESP, SCR	Coal	7800 MT/Month	
12	Boiler	50	Steam Boiler-2 (10 TPH)	YES	ESP	Coal	7800 MT/month	
13	Fuel Heater (Thermic)	50	Thermic fluid Heater (12 Lac Kcal/Hr.)	YES	ESP	Natural Gas	5150 m3/day	

D Details about Hazardous Waste Management :



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(Under Section 23 of The Water Act 1974, Under Section 24 of The Air Act 1981 and Under Section 10 of EP Act 1986)

Sr	Source of Hazardous Waste	Catg	Qty/Year	HW Disposal Management
1	Chemical sludge from waste water treatment	I -35.3	7440.000-M.T	COL,DSS,STO,TRA
2	Ammonia	II -A10	59040.000-M.T	COL,CYC,STO,TRA
3	Date-Expired And Off-Specification Pesticides	I -29.3	276.000-M.T	CIW,COL,DSI,STO,TRA,DST
4	Used or Spent Oil	I -5.1	7.920-M.T	COL,CYC,REU,STO,TRA
5	Ash from incinerator and flue gas cleaning residue	I -37.2	180.000-M.T	COL,DSS,STO,TRA
6	Chemical sludge from waste water treatment	I -35.3	16200.000-M.T	COL,DSS,STO,TRA
7	Inorganic Acids (Spent Acids)	II -B15	29796.000-M.T	COL,CYC,STO,TRA
8	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	I -33.1	1620.000-M.T	COL,DCO,CYC,STO
9	Ash from incinerator and flue gas cleaning residue	I -37.2	120000.000-M.T	COL,STO,TRA
10	Copper	II -A66	2379.600-M.T	COL,CYC,STO,TRA
11	Inorganic Acids (Spent Acids)	II -B15	13260.000-M.T	COL,CYC,STO,TRA
12	Salts Of Per-Acids	II -B36	42000.000-M.T	COL,CYC,STO,TRA
13	Ash from incinerator and flue gas cleaning residue	I -37.2	7200.000-M.T	CIW,COL,DSI,STO,TRA
14	Salts Of Per-Acids	II -B36	75612.000-M.T	COL,CYC,STO,TRA
15	Not Applicable.	I -N.A	86880.000-M.T	COL,CYC,STO,TRA
16	Not Applicable.	I -N.A	2580.000-M.T	COL,CYC,STO,TRA
17	Not Applicable.	I -N.A	2100.000-M.T	COL,CYC,STO,TRA
18	Distillation Residues	I -20.3	6120.000-M.T	CIW,COL,DSI,STO,TRA
19	Process acidic residue, filter cake, dust	I -17.1	62760.000-M.T	COL,STO,TRA
20	Not Applicable.	I -N.A	7200.000-M.T	COL,CYC,STO,TRA
21	Salts Of Per-Acids	II -B36	30600.000-M.T	COL,CYC,STO,TRA
22	Not Applicable.	I -N.A	1200.000-M.T	COL,CYC,STO,TRA
23	Salts Of Per-Acids	II -B36	2724.960-M.T	COL,CYC,STO,TRA
24	Salts Of Per-Acids	II -B36	30900.000-M.T	COL,CYC,STO,TRA
25	Process wastes or residues	I -29.1	2400.000-M.T	CIW,COL,DSI,STO,TRA
26	Not Applicable.	I -N.A	24000.000-M.T	COL,CYC,STO,TRA
27	Not Applicable.	I -N.A	0.000-M.T	COL

E Products :

Sr	Product Name	NOC Qty	CCA Qty	Applied Qty	Inspection Remark
1	1r hightrans cma	0.000	0.000 - M.T	20.000	Total Applied Qty 20 MT/Month
2	2,4 di chlorophenoxy acetic acid	0.000	0.000 - M.T	500.000	Total Applied Qty 500 MT/Month
3	2,5 dichloro phenol	0.000	0.000 - M.T	800.000	Total Applied Qty 800 MT/Month
4	2,5 dichloro phenol	0.000	0.000 - M.T	20.000	Total Applied Qty -20 MT/Month -Group B
5	30% hcl	0.000	0.000 - M.T	0.000	
6	acephate 75% sp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (insecticides-solid based product)
7	acephate tech.	0.000	0.000 - M.T	100.000	in or Alphacypermethrin/permethrin
8	acetamaprid sp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (insecticides-solid based product)
9	acid chlorides like valeroyl chloride, phenyl acetyl chloride	100.000	0.000 - M.T	100.000	Total Applied Qty -100 MT/Month
10	alluminium chloride solution 25%	0.000	0.000 - M.T	0.000	
11	alphamehtrin 10% ec	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
12	alphamethrin	100.000	100.000 - M.T	400.000	TOTAL 400 MT/M- Alphamethrin Tech./ Permethrin Tech.
13	alphamethrin tech./permethrin tech./acephate tech.	0.000	0.000 - M.T	0.000	
14	ammonium chloride 20 % wet	0.000	0.000 - M.T	0.000	By product
15	ammonium chloride 75-80% wet	0.000	0.000 - M.T	0.000	
16	bromo benzene	0.000	0.000 - M.T	0.000	
17	buprofecin 25% sc	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)



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18	carbendazim 12% + mancozeb 63% wp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (fungicide-solid based products)
19	carbendazim 50% wp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (fungicide-solid based products)
20	cartap hcl 4% granules gr	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (insecticides-solid based product)
21	cartap hcl 50 sp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (insecticides-solid based product)
22	chlorantraniliprole	0.000	0.000 - M.T	50.000	Total Applied Qty-50 MT/Month
23	chloropyrifos 50% ec	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
24	copper oxy chloride wp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (fungicide)
25	cyp	1.500	1.500 - MWH	1.500	
26	cupric chloride solution	0.000	0.000 - M.T	0.000	
27	cypermethrin	150.000	150.000 - M.T	1000.000	Total Applied Qty 1000 MT/Month
28	cypermethrin 10% ec	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
29	cypermethrin 25% ec	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
30	deltamethrin tech.	0.000	0.000 - M.T	50.000	TOTAL 50 MT/MONTH or Lambda Cyhalothrin 50 MT/Month
31	Dicamba (T)	0.000	0.000 - M.T	100.000	Total Applied Qty -100 MT/Month -Group B
32	diclobenil(t)	0.000	0.000 - M.T	100.000	Total Applied Qty 100 MT/Month
33	diflubenzoron (t)	0.000	0.000 - M.T	50.000	Total Applied Qty 50 MT/Month
34	diruon wp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (Herbicides- solid based product)
35	dv acid chloride	200.000	200.000 - M.T	650.000	Total Applied Qty 650 MT/Month
36	fipronil	0.000	0.000 - M.T	50.000	Total Applied Qty 50 MT/Month
37	fipronil 5% sc	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
38	fipronil granules gr	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (insecticides-solid based product)
39	Formulation of Insecticides+Herbicides+Fungicides	700.000	1400.000 - M.T	700.000	For Liquid Base Product
40	Formulation of Insecticides+Herbicides+Fungicides	300.000	600.000 - M.T	300.000	For Solid Base Product
41	fungicide a) hexaconzole (t)	0.000	0.000 - M.T	550.000	Fungicide-campaign basis -550 MT/Month
42	fungicide b)tebuconzole (t)	0.000	0.000 - M.T	550.000	Fungicide-campaign basis -550 MT/Month
43	fungicide c)propioconzole (t)	0.000	0.000 - M.T	550.000	Fungicide-campaign basis --550 MT/Month
44	glyphosate (41%) sl	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
45	glyphosate sl	0.000	0.000 - M.T	200.000	formulation product-campaign basis-200 MT/Month (Herbicides)
46	Glyphosate Tech.	0.000	0.000 - M.T	0.000	



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47	HBr	0.000	0.000 - M.T	0.000	
48	herbicide a)dicamba (t)	0.000	0.000 - M.T	1000.000	Herbicide-campaign basis --1000 MT/Month
49	herbicide b)metribuzine (t)	0.000	0.000 - M.T	1000.000	Herbicide-campaign basis -1000 MT/Month
50	herbicide c)pendimethalin (t)	0.000	0.000 - M.T	1000.000	Herbicide-campaign basis -1000 MT/Month
51	hexaconazole 5 sc	0.000	0.000 - M.T	200.000	formulation product-campaign basis-200 MT/Month (fungicide)
52	hexaconazole 5 ec	0.000	0.000 - M.T	200.000	formulation product-campaign basis-200 MT/Month (fungicide)
53	high trans cma and cmac/ high cis cma and cmac	0.000	0.000 - M.T	50.000	Total Applied Qty 50 MT/Month
54	imazethapy 10% sl	0.000	0.000 - M.T	200.000	formulation product-campaign basis-200 MT/Month (Herbicides)
55	imidacloprid 17.8% sl	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
56	imidacloprid 70 wg	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (insecticides-solid based product)
57	imidacloprid granules wg	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (insecticides-solid based product)
58	insecticide a)transfluthrin (t)	0.000	0.000 - M.T	400.000	Insecticide-campaign basis total applied qty-400 MT/Month
59	insecticide b)cyfluthrin & beta isomers (t)	0.000	0.000 - M.T	400.000	Insecticide-campaign basis total applied qty-400 MT/Month
60	insecticide c)bifenthrin (t)	0.000	0.000 - M.T	400.000	Insecticide-campaign basis total applied qty-400 MT/Month
61	insecticide d)cypermethrin (t) & beta/zeta/theta isomers (t)	0.000	0.000 - M.T	400.000	Insecticide-campaign basis total applied qty-400 MT/Month
62	insecticide e)acetamaprid (t)	0.000	0.000 - M.T	400.000	Insecticide-campaign basis total applied qty-400 MT/Month
63	insecticide e)imidacloprid (t)	0.000	0.000 - M.T	400.000	Insecticide-campaign basis total applied qty-400 MT/Month
64	kcl solution 20%	0.000	0.000 - M.T	0.000	
65	lambda cyhalothrin	50.000	50.000 - M.T	50.000	Lambda Cyhalothrin 50 MT/Month or Deltamethrin Tech. TOTAL 50 MT/MONT
66	lambda cyhalothrin/deltamethrin tech.	0.000	0.000 - M.T	0.000	
67	lamdacyaholothrin 5% ec	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
68	mancozeb wp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (fungicide)
69	meta bromo anisole	100.000	100.000 - M.T	100.000	Total Applied Qty-100 MT/Month
70	meta bromo nitrobenzene	100.000	100.000 - M.T	100.000	Total Applied Qty-100 MT/MONTH
71	meta phenoxy benzaldehyde	300.000	300.000 - M.T	700.000	Total Applied Qty-700 MT/Month
72	Metamitron Tech.	0.000	0.000 - NOS	0.000	
73	metamitron tech./glyphosate tech./other herbisides	100.000	100.000 - M.T	400.000	total applied quantity -400 MT/Month
74	Methyl Chloride	0.000	0.000 - M.T	600.000	Total Applied Qty 600 MT/Month
75	methyl chloride	200.000	200.000 - M.T	200.000	in or m-Bromo Nitrobenzene and m-Bromo Anisole
76	metribuzin wp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (Herbicides)
77	miclobutanil wp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (fungicide)



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78	monochrotophos 36% sl	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
79	permethrin	0.000	0.000 - M.T	0.000	
80	permethrin 25% ec	0.000	0.000 - M.T	300.000	formulation product-campaign basis-300 MT/Month (insecticides-liquid based product)
81	poly aluminum chloride	0.000	0.000 - M.T	0.000	
82	pretilachlor 50 % el	0.000	0.000 - M.T	200.000	formulation product-campaign basis-200 MT/Month (Herbicides)
83	pyraclostobin	0.000	0.000 - M.T	50.000	Total Applied Qty 50 MT/Month
84	quizalofopethyl(t)	0.000	0.000 - M.T	100.000	Total Applied Qty 100 MT/Month
85	sodium sulfite 80% (wet cake)	0.000	0.000 - M.T	0.000	
86	spent sulphuric acid 55%	0.000	0.000 - M.T	0.000	
87	sulfentrazone (t)	0.000	0.000 - M.T	100.000	Total Applied Qty -100 MT/Month -Group B
88	sulphur chloride	100.000	0.000 - M.T	100.000	Total Applied Qty -100 MT/Month
89	teflubenzuron (t)	0.000	0.000 - M.T	100.000	Total Applied Qty 100 MT/Month
90	thiomethoxam 25% wg	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (insecticides-solid based product)
91	thionyl chloride	450.000	0.000 - M.T	450.000	Total Applied Qty: 450 MT/Month
92	tricyclazole 75% wp	0.000	0.000 - M.T	100.000	formulation product-campaign basis-100 MT/Month (Herbicides)
93	validamycin3% l	0.000	0.000 - M.T	200.000	formulation product-campaign basis-200 MT/Month (fungicide)

F Raw material :

Sr	Raw Material Name	Capacity - Unit / Month
1	(np 85)	0.000 - M.T
2	(tech. 85 %)	0.000 - M.T
3	(tech. 98 %)	0.000 - M.T
4	1% soda soln	0.000 - M.T
5	1% soda soln.	331.500 - M.T
6	1,2 - butanediol	176.000 - M.T
7	1,2,4 - triazole	294.800 - M.T
8	1,3 di chloro benzene	401.600 - M.T
9	1,4 dichloro benzene	25.750 - M.T
10	1-(4 - chlorophenyl) 4-4- dimethyl -3- pentanoate	371.250 - M.T
11	10% hcl	50.000 - M.T
12	10% sodium hydroxide	0.000 - M.T
13	2 - (4 - hydroxyphenoxy) propionic acid	0.000 - M.T
14	2 cb/hex	149.740 - M.T
15	2, 5-dichloro aniline	784.000 - M.T
16	2, 6 dichloroquinoxaline	48.510 - M.T
17	2, 6 difluorobenzamide	25.500 - M.T
18	2,3 dichloronitrobenzene	0.000 - M.T
19	2,3,5,6 tetra fluoro benzyl alcohol	198.020 - M.T
20	2,3-dcnb	175.000 - M.T
21	2,4-d sodium salt	625.000 - M.T
22	2,4-dichloro phenol	820.000 - M.T
23	2,5 dca	24.000 - M.T
24	2,5-dichloro phenol	100.000 - M.T
25	2,6-cnbn	132.700 - M.T
26	2- chloro -5- chloromethyl pyridine	75.110 - M.T
27	2-amino - 5 - chloro-n, 3- dimethylbenzamide	20.000 - M.T
28	2-chloro -5- chloromethyl pyridine	291.200 - M.T
29	2-chlorobenzyl alcohol	15.000 - M.T
30	20% ammonia	240.000 - M.T
31	28% hcl	2042.400 - M.T

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32	28% HCL-1	680.800 - M.T
33	3 - bromo nitrobenzene	125.000 - M.T
34	3- phenoxy -4- fluorobenzaldehyde	195.330 - M.T
35	3-bromo -1-(3- chloropyridine -2-yl)-1h - pyrazole -5- carbonyl chloride	35.300 - M.T
36	3-chloropyrazole	15.000 - M.T
37	3-phenyl -2-methyl benzyl chloride	216.700 - M.T
38	3-phenyl -2-methyl benzyl chloride/	0.000 - M.T
39	30 % HCl	0.000 - M.T
40	30% HCl- 1	1170.000 - M.T
41	4 % soda ash solution	0.000 - M.T
42	4 cb	181.590 - M.T
43	4 chloro phenyl isocyanate	28.000 - M.T
44	4-nitro o xylene	580.000 - M.T
45	5 % acetic acid solution	38.840 - M.T
46	5 % soda ash solution	176.680 - M.T
47	5% Ammonia wash	50.000 - M.T
48	8-10 % sodium hypochlorite solution	38.840 - M.T
49	98 % H2SO4	19.500 - M.T
50	98 % H2SO4 -1	45.500 - M.T
51	98% Sulphuric Acid	920.000 - M.T
52	acephate tech (97%)	77.400 - M.T
53	acetaldehyde	0.000 - M.T
54	acetaldehyde	37.600 - M.T
55	acetamidiprid a.i.content	20.000 - M.T
56	acetic acid	50.000 - M.T
57	acetic acid	0.188 - M.T
58	Acetic Anhydride	82.600 - M.T
59	acetone	52.000 - M.T
60	acetonitrile	0.000 - M.T
61	acetonitrile	104.400 - M.T
62	acetyl chloride	130.900 - M.T
63	acid	0.000 - M.T
64	acid chloride	30.560 - M.T
65	acid green dye	0.000 - M.T
66	acidic aqueous	0.000 - M.T
67	acrylonitrile	0.000 - M.T
68	acrylonitrile	339.300 - M.T
69	adhesion agent	6.000 - M.T
70	alcl3	46.875 - M.T
71	AlCl3 -1	840.000 - M.T
72	Alkyl Aryl Sulphonate	0.000 - M.T
73	alkyl napthalene	2.000 - M.T
74	aluminum chloride	360.000 - M.T
75	alphacypermethrin tech (97%)	30.900 - M.T
76	aluminum chloride	496.500 - M.T
77	aluminium chloride solution	0.000 - M.T
78	aluminum chloride solution	0.000 - M.T
79	aluminum hydroxide	0.000 - M.T
80	aluminum hydroxide (solid)	0.000 - M.T
81	ammonia	120.000 - M.T
82	Ammonia 2	162.800 - M.T
83	ammonia sol.	0.000 - M.T
84	ammonium benzyltriethyl chloride	8.000 - M.T
85	ammonium hydroxide 25%	20.000 - M.T
86	ammonium sulfate	6.670 - M.T
87	ammonium sulphate	10.000 - M.T
88	ammonium sulphate/	4.220 - M.T
89	AN	5.800 - M.T
90	anion wetting agent	2.500 - M.T
91	anionic dispersants :- sodium polycarboxylate)	0.001 - M.T
92	antifoaming agent	0.500 - M.T
93	antifreezing agent - propylene glycol	37.580 - M.T
94	asr	7.000 - M.T
95	atmt	1000.000 - M.T
96	bactericide - 1,2 - benzisothiazin - 3 - one	0.451 - M.T
97	benzaldehyde	0.000 - M.T
98	benzene	195.125 - M.T
99	binder (sodium lignosulphate)	5.000 - M.T

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100	binder - corn starch	60.000 - M.T
101	blend of emulsifiers (proprietary blend of alkyl	23.999 - M.T
102	blend of sodium dodecyl benzenesulphonate	4.500 - M.T
103	bromine	472.500 - M.T
104	Bromine 3	209.310 - M.T
105	bromine de	0.000 - M.T
106	bromine)	466.150 - M.T
107	bromine..	52.000 - M.T
108	bromine:	0.000 - M.T
109	buprofezin a.i. content	75.160 - M.T
110	bzh	581.000 - M.T
111	c s flakes	46.450 - M.T
112	C S Flakes 3	8.310 - M.T
113	c s lye	2.600 - M.T
114	c s lye (48%)	0.000 - M.T
115	c s lye (48%)- 1	43.000 - M.T
116	C S Lye 4	19.375 - M.T
117	c. lye	0.000 - M.T
118	c. lye	0.000 - M.T
119	C. S. Lye 3	25.520 - M.T
120	c. s. lye..	1.380 - M.T
121	C.S. Lye (47%)	530.400 - M.T
122	c.s.lye	170.200 - M.T
123	calcium alkyl benzyl sulphonate	0.007 - M.T
124	calcium hydrogen phosphate dehydrate	1.000 - M.T
125	calcium lignosulphonate	0.001 - M.T
126	CAN	26.000 - M.T
127	carbendazim tech. a.i content (tech. 98 %)	12.250 - M.T
128	carbendizam tech (98%)	51.100 - M.T
129	Carbon	20.000 - M.T
130	carbon dioxide	260.000 - M.T
131	carrier diatomaceous earth	5.000 - M.T
132	carrier (sand)	94.500 - M.T
133	cartap tech	4.286 - M.T
134	cartape hcl (95%)	52.700 - M.T
135	catalyst	20.270 - M.T
136	catalyst	0.600 - M.T
137	catalyst (bf3)	6.500 - M.T
138	catalyst (bf3)	0.000 - M.T
139	catalyst -I	0.530 - M.T
140	Catalyst EPH	59.375 - M.T
141	catalyst pd/c	0.000 - M.T
142	catalyst!	0.750 - M.T
143	catalyst-	1.130 - M.T
144	catalyst---	0.850 - M.T
145	catalyst.	5.500 - M.T
146	catalyst./	18.340 - M.T
147	catalyst...	56.630 - M.T
148	catalyst/	1.130 - M.T
149	catalyst/.	0.000 - M.T
150	catalyst/.,	0.000 - M.T
151	catalyst:	0.000 - M.T
152	caustic	20.000 - M.T
153	caustic (100%)	0.000 - M.T
154	caustic (100%)	631.150 - M.T
155	Caustic Lye	50.000 - M.T
156	caustic lye (16%)	4570.150 - M.T
157	caustic lye 47 %	5.660 - M.T
158	caustic soda flakes	30.000 - M.T
159	china clay	1.450 - M.T
160	china clay c	2.560 - M.T
161	china clay.	7.500 - M.T
162	china clay..	21.500 - M.T
163	china clay/ kaoline	27.000 - M.T
164	chlorine	692.820 - M.T
165	chlorine	0.000 - M.T
166	Chlorine gas	51.600 - M.T
167	chlorine)	53.000 - M.T



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168	chlorine,	0.000 - M.T
169	chlorine.	0.000 - M.T
170	chlorpyrifos (95%)	157.800 - M.T
171	clay	70.700 - M.T
172	cma powder	156.250 - M.T
173	CMA Hex	272.470 - M.T
174	cmac	584.000 - M.T
175	cmac- cypermethric avid chloride	0.000 - M.T
176	cmac- cypermethric avid chloride.	216.490 - M.T
177	co2	50.000 - M.T
178	coloring agent	0.500 - M.T
179	copper cyanide	0.000 - M.T
180	copper oxy chloride tech. purity 57 %	90.000 - M.T
181	CS Lye	60.400 - M.T
182	cs lye.	25.000 - M.T
183	ctc	1105.750 - M.T
184	ctc	0.000 - M.T
185	CuCN	40.950 - M.T
186	cycloheazenone	141.000 - M.T
187	cypermethrin	500.000 - M.T
188	Cypermethrin Tech	566.340 - M.T
189	cypermethrin tech (92%)	81.600 - M.T
190	cypermethrin tech (92%).	32.700 - M.T
191	D M Formamide (DMF)	0.000 - M.T
192	dea	333.600 - M.T
193	dea hcl	7.150 - M.T
194	dea hcl	0.000 - M.T
195	defoamer	0.200 - M.T
196	defoamer - dimethyl polysiloxane	0.090 - M.T
197	di - isopropyl amine	5.320 - M.T
198	di methyl sulfide	102.300 - M.T
199	di methyl sulphate	15.000 - M.T
200	di methylamine solution	0.000 - M.T
201	dichloroethane	0.000 - M.T
202	dichlorofluoromethane	65.000 - M.T
203	dichloromethane	0.000 - M.T
204	diethylketone	360.000 - M.T
205	dimehtyl sulfate	652.000 - M.T
206	dimethyl formamide	755.000 - M.T
207	dimethylformamide	0.000 - M.T
208	disodium hydrogen phosphate	2.670 - M.T
209	dispensing agent (sodium salt of dinaphthyl cellulose	9.000 - M.T
210	dispenser	7.000 - M.T
211	dispersing agent (alkyl naphtylsulphonate type)	2.000 - M.T
212	dispersing agent (alkarylsulphonate)	6.000 - M.T
213	dispersing agent (alkyl naphtylsulphonate type)	5.000 - M.T
214	dispersing agent - alkylated naphthalene	7.510 - M.T
215	dispersing agent - sodium lignosulfate	5.000 - M.T
216	dispertox-522	6.000 - M.T
217	dispertox-acz	3.000 - M.T
218	dispertox-so 31	3.000 - M.T
219	distilled water	171.370 - M.T
220	diuron technical,	81.500 - M.T
221	dm water	93.600 - M.T
222	DMA solution	51.200 - M.T
223	dmf	0.120 - M.T
224	dmf.	400.000 - M.T
225	dmf..	45.730 - M.T
226	dmf/	0.250 - M.T
227	dmso (dimethyl sulfoxide)	236.400 - M.T
228	dv acid chloride (cmac)	62.000 - M.T
229	dye	0.100 - M.T
230	dye (green)	0.080 - M.T
231	edc	3178.600 - M.T
232	edc.	0.000 - M.T
233	edc..	2000.000 - M.T
234	Emulsifier	23.400 - M.T
235	emulsifier -30 vnd	13.200 - M.T



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236	emulsifier -30 vnd,	14.400 - M.T
237	emulsifier -30 vnd.	10.800 - M.T
238	emulsifier -33ex unitop	7.200 - M.T
239	emulsifier -33rn unitop	8.000 - M.T
240	emulsifier -50 vnd	10.800 - M.T
241	emulsifier -50 vnd,	9.600 - M.T
242	emulsifier -50 vnd.	13.200 - M.T
243	emulsifier -60ex unitop	16.800 - M.T
244	emulsifier -60ra unitop	12.000 - M.T
245	emulsifier -ea unitop.	14.400 - M.T
246	emulsifier -en unitop	9.600 - M.T
247	emulsifier -via unitop	18.000 - M.T
248	emulsifier -via unitop.	6.400 - M.T
249	emulsifier -vin unitop	12.000 - M.T
250	emulsifier -vin unitop.	9.600 - M.T
251	ester + mdc	166.625 - M.T
252	ethanol.	0.000 - M.T
253	ethyl acetate	367.200 - M.T
254	Ethyl acetate 2	100.000 - M.T
255	Ethyl acetate 3	1600.000 - M.T
256	ethyl alcohol	0.000 - M.T
257	ethyl bromide	0.000 - M.T
258	fecl3	1.875 - M.T
259	fillers (china clay)	1.000 - M.T
260	fipronil a.i. content	14.999 - M.T
261	fipronil a.i. content,	0.300 - M.T
262	forcut	247.000 - M.T
263	forcut	0.000 - M.T
264	formic acid	16.100 - M.T
265	glyphosate (95%)	64.000 - M.T
266	h2so4	24.000 - M.T
267	h2so4	0.000 - M.T
268	H2SO4 (98%)	779.350 - M.T
269	H2SO4 (98%) -2	140.000 - M.T
270	h2so4-	0.000 - M.T
271	h2so4...	0.000 - M.T
272	h3po3	256.400 - M.T
273	Haxane	468.350 - M.T
274	hcho	94.000 - M.T
275	hcl	85.340 - M.T
276	hcl	17.250 - M.T
277	hcl (30 %)..	42.000 - M.T
278	hcl (30%)	915.350 - M.T
279	hcl (30%)..	7.600 - M.T
280	HCl 1	191.200 - M.T
281	HCl 2	190.000 - M.T
282	hcl 30%	187.310 - M.T
283	HCl 30% -2	75.000 - M.T
284	HCL 30% - 1	761.600 - M.T
285	hexaconazole (92%)	10.800 - M.T
286	hexaconazole (92%),	11.000 - M.T
287	hexane	271.680 - M.T
288	hh 80%	608.000 - M.T
289	hydrochloric acid -30 %	0.000 - M.T
290	hydrogen	12.300 - M.T
291	hydrogen peroxide	34.800 - M.T
292	hydrogen-	41.000 - M.T
293	Hydroquinone	26.730 - M.T
294	hypo soln	42.840 - M.T
295	hypo soln. 1	83.750 - M.T
296	ib	415.850 - M.T
297	ib	0.000 - M.T
298	imazethapyr technical	73.330 - M.T
299	imidacloprid active ingredient	70.000 - M.T
300	imidacloprid tech (98%)	54.600 - M.T
301	imidacloprid tech (98%),	71.500 - M.T
302	inert carrier (china clay)	11.500 - M.T
303	inert carrier (china clay)/	5.770 - M.T



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304	ipa	0.000 - M.T
305	ipa	613.500 - M.T
306	ipa..	147.000 - M.T
307	ipa..	147.240 - M.T
308	is	326.400 - M.T
309	Iso Propyl alcohol	641.500 - M.T
310	iso propyl amine salt 62 %	155.800 - M.T
311	kaolin clay	15.500 - M.T
312	koh	98.600 - M.T
313	koh	315.000 - M.T
314	koolin (inert filter)	9.630 - M.T
315	lactose monohydrate	44.000 - M.T
316	lambda acid	227.180 - M.T
317	lambda cyclothric acid	29.120 - M.T
318	lambda cyhalothric acid	0.000 - M.T
319	lambda cyhalothrin (84%)	18.000 - M.T
320	m p b a l meta phenoxy benzyl alcohol	0.000 - M.T
321	mancozeb tech. a.i content (tech. 85 %)	74.120 - M.T
322	mancozeb technical (min. purity 85%)	88.230 - M.T
323	MCB	850.000 - M.T
324	mdc	262.000 - M.T
325	mdc d.	683.125 - M.T
326	meg	602.000 - M.T
327	mehanol	100.000 - M.T
328	mendelonitrile	550.800 - M.T
329	meta phenoxybenzaldehyde	52.000 - M.T
330	methane sulfonyl chloride	68.900 - M.T
331	methanol	518.800 - M.T
332	methanol	149.600 - M.T
333	methanol 2	400.000 - M.T
334	methanol,	24.375 - M.T
335	methanol.	26.000 - M.T
336	methyl chloride	80.000 - M.T
337	Methylene dicloride (MDC)	400.000 - M.T
338	methylene triphenylphosphorane	283.200 - M.T
339	metribuzin tech	79.550 - M.T
340	mix cma	0.000 - M.T
341	mix of naphthalene sulphonate dispersing agent and high polymer surfactant	6.000 - M.T
342	mono chlorobenzene	90.000 - M.T
343	mono isopropyl amine (mipa)	22.400 - M.T
344	monochlorobenzene	0.000 - M.T
345	monocrotphos(70%)	154.500 - M.T
346	mpb	22.280 - M.T
347	mpbd	31.500 - M.T
348	mpbd..	480.000 - M.T
349	myclobutanil technical a.i	10.000 - M.T
350	n- nitro n- methyl imidazolidine	73.520 - M.T
351	n-cyano-n-methylacetamide	176.000 - M.T
352	n-hexane	243.600 - M.T
353	n-hexane	6881.000 - M.T
354	n-hexane	0.000 - M.T
355	n-hexane./	0.000 - M.T
356	n-hexane/	0.000 - M.T
357	n-methoxy carbamate	12.500 - M.T
358	na2so4	0.000 - M.T
359	nacn	8.000 - M.T
360	nacn,	166.950 - M.T
361	NaHCO3	7.640 - M.T
362	naoh	42.840 - M.T
363	naoh flakes	37.500 - M.T
364	NH3	0.800 - M.T
365	nitric acid	18.550 - M.T
366	nitric acid 60 %	1010.000 - M.T
367	nitro benzene	98.400 - M.T
368	nitrosyl sulfuric acid (40 %)	1792.000 - M.T
369	np - 85 or equivalent (alkyl aryl sulphonate)	6.170 - M.T
370	nss	22.000 - M.T
371	O,O-Dimethyl phosphoramidothioate	117.000 - M.T

13/09/2021

14/18 (Through XGN)



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(Under Section 23 of The Water Act 1974, Under Section 24 of The Air Act 1981 and Under Section 10 of EP Act 1986)

372	o-xylene	1000.000 - M.T
373	oleum	207.500 - M.T
374	oleum	0.000 - M.T
375	Oleum (65%)	160.000 - M.T
376	oxygen	45.200 - M.T
377	p-toluene sulfonic acid	39.100 - M.T
378	pad emulsifier	0.920 - M.T
379	pap emulsifier	0.750 - M.T
380	pentanoyl chloride	125.100 - M.T
381	permethrin tech (92%)	81.600 - M.T
382	phenol	514.500 - M.T
383	phenol	0.000 - M.T
384	phenol ethoxylate, triglyceride ethoxylate,	0.007 - M.T
385	phenyl acitic acid	88.200 - M.T
386	phenyl hydrazine	76.500 - M.T
387	phosphoric acid	0.420 - M.T
388	plasticiser - butylated polyvinyl pyrrolidine	1.250 - M.T
389	polyoxy ethylene nonyl	0.000 - M.T
390	Polyoxy ethylene nonyl phenyl ether	0.100 - M.T
391	polyoxy ethylene nonyl phenyl ether (np 85)	4.000 - M.T
392	potassium carbonate	90.000 - M.T
393	potassium carbonate	248.000 - M.T
394	potassium dihydrogen phosphate	0.870 - M.T
395	potassium hydroxide	149.800 - M.T
396	Potassium Hydroxide 1	40.000 - M.T
397	potassium sorbate	0.020 - M.T
398	pretilachlor (95%)	105.200 - M.T
399	product x	1.000 - M.T
400	propal pad	2.500 - M.T
401	propal pap	2.500 - M.T
402	propal tas-105	20.000 - M.T
403	Propionic Acid	18.810 - M.T
404	propol bx 80	2.000 - M.T
405	propylene glycol	6.670 - M.T
406	propylene glycol.	35.000 - M.T
407	ptsa	2.800 - M.T
408	pyrazole	48.800 - M.T
409	pyridine	49.060 - M.T
410	Pyridine 1	49.060 - M.T
411	r- trans cypermethric acid chloride	249.900 - M.T
412	ra catalyst	2.000 - M.T
413	rhodamine dye	0.200 - M.T
414	rhodorsil af-426	0.670 - M.T
415	river sand	90.984 - M.T
416	salt of naphthalene sulphoinc acid condensate	0.001 - M.T
417	sand	36.140 - M.T
418	sbc	0.125 - M.T
419	sbc 1	0.060 - M.T
420	silica	10.000 - M.T
421	silica acid	8.000 - M.T
422	silica,./	11.300 - M.T
423	silica.	10.600 - M.T
424	silica..	7.500 - M.T
425	silica....	21.400 - M.T
426	silicone - km - 72	0.020 - M.T
427	sls	18.000 - M.T
428	soda ash	1.875 - M.T
429	soda ash..	10.000 - M.T
430	soda ash...	1600.000 - M.T
431	soda ash/.	0.560 - M.T
432	sodium methoxide	89.100 - M.T
433	sodium acetate	48.000 - M.T
434	sodium alkylate	0.000 - M.T
435	sodium bisulfite.	8.400 - M.T
436	sodium carbonate	23.190 - M.T
437	sodium citrate ,dihydrate	30.000 - M.T
438	sodium cyanate	53.000 - M.T
439	sodium cyanide	11.500 - M.T



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440	sodium cyanide	0.000 - M.T
441	sodium cyanide.	0.000 - M.T
442	sodium cyanide/	26.410 - M.T
443	sodium hydroxide	0.000 - M.T
444	sodium hydroxide	205.000 - M.T
445	sodium hydroxide (30%)	72.750 - M.T
446	sodium hypo chloride	4006.000 - M.T
447	sodium lignosulfonate	6.000 - M.T
448	sodium salt of alkyl aryl sulphonate	2.000 - M.T
449	sodium salt of alkyl naphylsulphonate	2.000 - M.T
450	sodium thiosulfate	5.250 - M.T
451	solubilizer	9.000 - M.T
452	Solvent	180.000 - M.T
453	solvent - dmf	640.777 - M.T
454	Solvent - DMF 1	248.850 - M.T
455	solvent - edc	396.040 - M.T
456	Solvent - EDC 1	1435.000 - M.T
457	solvent - methanol	45.240 - M.T
458	solvent - thf	360.000 - M.T
459	solvent - toluene	198.020 - M.T
460	Solvent - Toluene (A)	1320.000 - M.T
461	solvent - xylene	1600.000 - M.T
462	Solvent -Methenol 1	1400.000 - M.T
463	Solvent -Toluene 2	1600.000 - M.T
464	solvent : mix xylene	0.000 - M.T
465	solvent – dimethyl formamide	0.000 - M.T
466	solvent – dmf/	1485.000 - M.T
467	Solvent –IPA for Reaction	566.340 - M.T
468	Solvent –IPA for washings	435.640 - M.T
469	solvent –n- hexane	1087.370 - M.T
470	solvent –n- hexane.	0.000 - M.T
471	solvent c-ix	112.200 - M.T
472	solvent c-ix,	243.300 - M.T
473	solvent c-ix.	194.400 - M.T
474	solvent c-ix..	245.100 - M.T
475	solvent c-ix...	194.400 - M.T
476	solvent c-ix....	78.800 - M.T
477	solvent c-ix/	258.000 - M.T
478	solvent c-ix]	169.200 - M.T
479	solvent- hexane	1025.090 - M.T
480	solvent- hexane./	0.000 - M.T
481	stabilizer.	4.500 - M.T
482	sticking/stabilizing agent (carboxy methylcellulose	11.999 - M.T
483	sulfuric acid	32.563 - M.T
484	sulfuric acid (98 %)	34.500 - M.T
485	Sulfuric acid 1	138.000 - M.T
486	Sulfuric Acid 2	1274.000 - M.T
487	sulfuric acid 98 %	710.000 - M.T
488	sulfuric acid/	382.200 - M.T
489	sulphamic acid	2.000 - M.T
490	sulphur di oxide	121.500 - M.T
491	sulphonate formaldehyde polymer, sodium salt	0.007 - M.T
492	sulphur	260.710 - M.T
493	sulphur.,	0.000 - M.T
494	sulphur..	0.500 - M.T
495	Sulphuric acid 1	2.100 - M.T
496	sunflower oil	14.999 - M.T
497	surface active agent (alkyl aryl sulphonate type)	2.000 - M.T
498	surface active agent (alkyl aryl sulphonate type).	2.000 - M.T
499	surfactant	5.000 - M.T
500	surfactants (non ionic , anionic or blend of nonionic	4.000 - M.T
501	suspending agent (industrial gum)/	2.000 - M.T
502	suspending agent (sodium lingo sulfonate)	23.999 - M.T
503	TBA	110.550 - M.T
504	TBAC	114.350 - M.T
505	TBN	107.700 - M.T
506	tc	380.400 - M.T
507	tc	779.150 - M.T



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508	tea	0.000 - M.T
509	tea	15.188 - M.T
510	tea/	594.600 - M.T
511	teba	22.800 - M.T
512	teba (catalyst)	0.560 - M.T
513	teba ...	1.625 - M.T
514	tetra butyl ammonium bromide	31.600 - M.T
515	Tetrahydro Furfuryl Methanol	24.750 - M.T
516	thickener 1 - xanthium gum , hydro polysaccharide	0.300 - M.T
517	thickener 2 - bentonite clay	7.510 - M.T
518	thiomethoxam a.i content	25.000 - M.T
519	thionyl chloride	176.200 - M.T
520	thionyl chloride (tc)	15.520 - M.T
521	thionyl chloride*	18.000 - M.T
522	toluene	0.000 - M.T
523	toluene	1092.500 - M.T
524	toluene)	498.380 - M.T
525	toluene---	817.600 - M.T
526	toluene..	344.000 - M.T
527	toluene...	217.500 - M.T
528	toluene.....	0.000 - M.T
529	toluene/	4.600 - M.T
530	Trans CMA	34.400 - M.T
531	trans cma	0.000 - M.T
532	tri ethyl amine.	0.000 - M.T
533	tri ethyl amine..	15.900 - M.T
534	tri ethylamine	120.000 - M.T
535	Tri Ethylamine/	0.000 - M.T
536	tricyclazole tech (95%)	79.000 - M.T
537	trifluoromethanesulfinyl chloride	43.950 - M.T
538	unitop 203	10.000 - M.T
539	unitop fl	6.000 - M.T
540	valeoric acid	85.000 - M.T
541	validamycin a.i content,	6.000 - M.T
542	water	191.990 - M.T
543	wetting agent (alkyl larylsulphonate)	5.000 - M.T
544	wetting agent (naphthalene sulfonate)	9.000 - M.T
545	wetting agent - sodium lauryl sulphate	3.750 - M.T
546	wetting agent or wetting cum dispersing agents	2.000 - M.T
547	wood based chemical type dispersants	3.000 - M.T
548	xanthum gum 2% solution	20.000 - M.T

G Water Consumption & Generation Break up

Sr	Water Code (Qty in klpd - Kilo Ltr per Day)	WC : 3530.000	WWG : 1988.000	Water Source	Remark
1	Agriculture	80.000	0.000	SIDC	Gardening
2	Boiler Feed	750.000	100.000	SIDC	
3	Cooling Water	850.000	130.000	SIDC	
4	Domestic Purpose	225.000	150.000	SIDC	
5	Mnfg Process	1305.000	1208.000	SIDC	
6	Others	55.000	20.000	SIDC	
7	Wash Water	400.000	400.000	SIDC	

H Solid Waste

Inspection Team : Shri B.D.Prasad,DEE - MR. RAJENDRASINH RAJABHAU GAEKWAD - R P BUHA, SSA

I hereby affirm, that all the PDF, Data mentioned above, fees paid has been checked & certified.



Gujarat Pollution Control Board

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(Inspection Report) - Air,Water,Hazardous

(Under Section 23 of The Water Act 1974, Under Section 24 of The Air Act 1981 and Under Section 10 of EP Act 1986)

Signature By(Shri B.D.Prasad,DEE)