

### Galaxy Surfactants Ltd.

29.07.2024

**Environment Department** Room no.217, 2<sup>nd</sup> Floor, Mantralaya Annex, Mumbai 400032.

Dear Sir,

Subject: Compliance report of Environment Clearance

Ref : SEIAA Letter No.: SEAC-2212/CR-494/TC-2 dated 08.04.2015 and Subsequent amendment in Environment clearance vide letter no. SEIAA-2016/CR 05/TC 3 dated 19.05.2016 and SEIAA letter no.: SEAC-2010/CR.448/TC.2

Please find attached half yearly compliance report for the period from January 2024 to June 2024, in compliance of Condition No.26 and 29 of our Environment Clearance letter dated 08.04.2015 and condition no.23 of our Environment Clearance letter dated 03.12.2010.

Kindly acknowledge receipt of this letter with its enclosure.

Thanking you, Cordially yours,

For Galaxy Surfactants Limited

Shamsundar Gawade General Manager- Corporate Governa

Encl: As above

- : 1. Maharashtra Pollution Control Board CC Raigad Bhavan, 7th Floor, Sector-11, CBD Belapur, Navi Mumbai
  - 2. Ministry of Environment and Forest, Climate Change Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur-440001
  - 3. Central Pollution Control Board Parivesh Bhavan, Opp. VMC Ward Office No.10, Subhanpura Vadodara - 390023, Gujarat

Factory Address: Plot No. V-23 MIDC, Taloja & Plot No. 1, Village: Chal Near Taloja Ind. Area, Tal : Panvel, Dist. Raigad. Ph: +91-22-39215300 / 39545100 Fax: +91-22-27411701 / 27411702

Regd. Office: C-49/2, TTC Industrial Area, Pawne, Navi Mumbai - 400 703, India. CIN No. U39877MH1986PLC039877 Ph: +91-22-65134444 / 27616666 Fax: +91-22-27615883 / 27615886 E-mail : galaxy@galaxysurfactants.com Website : www.galaxysurfactants.com

#### COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE (Period: January 2024 – June 2024)

- **Project** : Galaxy Surfactants Ltd., Project of Manufacturing of Surfactants and Specialty Chemicals at Plot No.V-23, MIDC Taloja and Plot No. 1, Village Chal, Tal. Panvel, District Raigad by Modernisation with no increment in pollution load.
- Reference: SEIAA Letter No.: SEAC-2212/CR-494/TC-2 dated 08.04.2015 and subsequent amendment in Environment clearance vide letter no.SEIAA-2016/CR 05/TC 3 dated 19.05.2016 and SEIAA Letter No.: SEAC-2010/CR-448/TC-2 dated 03.10.2010.

#### Products :

Sr. No.	Name of the product	Total Production Quantity (MT/Month)
1	Anionic surfactants (on 100% AM basis) such as Fatty Alcohol Sulphate, Fatty Alcohol ether sulphates etc.	7140
2	Ethylene Oxide Condensate	5000
3	Cationic Surfactants (on 100% AM basis) such as Betains, Quaternary Ammonium Salts etc.	1520
4	Sulphosuccinates	60
5	Surfactant blends (on 100% AM basis) such as Syndet Soap- Granules/ Noodles, Sparkle series etc.	1320
6	Fatty Acid Esters, Fatty alkanol amides and esterquats.	1700
7	Conc. Sulphuric Acid (By Product)	132
8	Sodium Sulphate 20-25 % solution, Solids 37.5 MT/ M (By Product)	180
	Total	17052

Status of compliance of the Conditions stipulated in our Environment Clearance dated 08.04.2015 subsequently amended vide letter dated 19.05.2016 and Environment Clearance dated 03.12.2010.

Sr. No.	Conditions	Compliance Status				
1	The Environment Clearance is issued subject to condition that PP shall be responsible for end disposal of Hazardous Waste to authorized dealer (b) PP to abide by the submitted specific effluent characteristics after treatment.	We have disposed of Hazardous Waste to Authorized dealers as per conditions mentioned in Consent to Operate and Environment Clearance. We will abide by the specific effluent characteristics after treatment.				
2	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	No additional land has been acquired and project is completed within the existing plot.				

3	For controlling fugitive natural dust, regular sprinkling of water and wind shields at appropriate distances in vulnerable areas of Plant shall be ensured.	High speed rapid roller door or PVC strip doors are provided in warehouse and manufacturing area. Wherever necessary windows are provided to prevent inflow of dust from outdoors. We regularly swept the internal roads in factory to control dust formed by movement of vehicles. We have also planted trees in the factory premises and also provided sprinkler systems in green belt area and garden developed inside the factory premises.
4	Regular monitoring of the air quality, including SPM and SO2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) and submit report accordingly to MPCB.	We have Complied with ambient air monitoring as per the MPCB Consent to Operate and prescribed in the EC. Please refer enclosed <b>Annexure A</b> for latest work zone and ambient air quality report.
5	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.	We have provided adequate safety and ventilation arrangement in furnace area.
6	Proper Housekeeping programs shall be implemented.	We are maintaining proper housekeeping within the premises.
7	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of the operation and shall not be restarted until the desired efficiency has been achieve.	In case of failure of pollution control Equipment, the complete unit is being shut down and resumed only after the said equipment is rectified. We assure that the same practice will be followed in future also.
8	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollution from DG Set (If applicable).	Stacks of adequate height based on DG set capacity has been provided.
9	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Rainwater collected and reused in process. No ground water recharged through harvesting.
LO	Arrangement shall be made that effluent and storm water does not get mixed.	Separate arrangements are made for effluent and storm water.

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11	Periodic Monitoring of	Our unit is ZLD and hence not discharging any effluent to CETP. Entire
11		
	• • • • • • • • • • • • • • • • • • •	effluent is reused by recycling through RO, MBR, MEE.
	undertaken and results	We are not using any ground water in our process.
	analyzed to ascertain any	
	change in the quality of	
	water. Results shall be	
	regularly submitted to the	
	Maharashtra Pollution	
	Control Board.	
12	Leq of Noise Level shall be	
	maintained as per standards.	Noise level maintained as per standards and monitored on regular
-	For people working in the	basis.
	high noise area, requisite	The operating personnel use protective equipment like earmuff and
	personal protective	earplug wherever required.
	equipment like earplugs etc.	
	shall be provided.	
13	The overall noise levels in and	The overall noise levels in and around the plant kept well within the
	around the plant shall be kept	standards. Proper noise barriers, acoustic enclosures are provided on
	well within the standards by	noise generating equipment like DG Set, blowers etc. to minimize
	providing noise control	noise.
	measures including acoustic	noise.
	hoods, silencers, enclosures	
	etc. on all sources of noise	
	generation. The ambient	
	noise levels shall confirm to	
	the standards prescribed	
	under Environment	8 - 20
	(Protection) Act, 1986 Rules	
	1989.	
14	Green belt shall be developed	Green belt area of 4080 sq. mtrs. Developed. Total 1265 numbers of
	and maintained around the	trees and shrubs are planted around the plant periphery.
	plant periphery. Green Belt	
	Development shall be carried	
	out considering CPCB	
	guidelines including selection	
	of plant species and in	
	consultation with the local	
	DFO / Agriculture Dept.	
15	Adequate safety measures	
	shall be provided to limit the	Adequate safety measures taken within plant boundary. Leak
	risk zone within the plant	detection devices installed at strategic places.
	boundary, in case of an	
	accident. Leak detection	
	devices shall also be installed	
	at strategic places for early	
	detection and warning.	
16	Occupational health	We have dedicated OHC and full time Factory Medical Officer along
10	surveillance of the workers	with round the clock male nurse to take care of safety and health of
	shall be done on a regular	the workers. We conduct monthly safety and contractors meeting for
	shall be uone on a regular	the workers, we conduct monthly safety and contractors meeting for

	basis and the record shall be maintained as per Factories Act.	health and safety of the workers. Half yearly health checkup of workers being done periodically (last health checkup done on 4 <sup>th</sup> to 8 <sup>th</sup> March, 2024) and the records are maintained as per Factories Act.
17	The Company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Fire prevention and life safety measures are installed in the premises Fire alarm and sprinklers, Fire Extinguishers, Fire Hydrant System installed and maintained. We are conducting periodical inspection of all firefighting system.
18	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in	We have complied with the rules and regulations with regard to handling and disposal of Hazardous Wastes in accordance with the rules and MPCB has authorized us for treatment/storage/disposal of Hazardous Waste to authorized vendors.
	accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from MPCB shall be obtained for collections / treatment / storage / disposal of	We have obtained membership of Mumbai Waste Management Limited (MWML) and authorization from MPCB for the disposal of Wastes / Residue Containing Oil (1 MT/A). Empty barrels/containers / liner contaminated with Hazardous chemicals /waste (24 MT/A), Flue Gas Cleaning Residue (98.4 MT/A), Chemical Sludge from waste water treatment (108 MT/A) by incineration and Spent Catalyst and molecular sieves (6 MT/A) by landfill.
	hazardous waste.	Used or Spent oil (6 MT/A), Contaminated Cotton ragas or other cleaning materials 1MT/A will be given for Recycle/incineration to MWML/ MPCB Authorized Vendor. MEE solid waste 180MT/A by landfill.
		We maintain the record for hazardous waste generation in form 3 & disposal in Form 10 and submit the Annual return in Form 4 to MPCE and having dedicated storage area for Hazardous Waste.
		By products transferred to Hazardous Waste viz. Sulphuric Acid & Sodium Sulphate, are being disposed off as per the Consent to operate and as per the Hazardous & Other Wastes (M&TM) Rules 2016
19	The Company shall undertake following Waste Minimization Measures : Metering of	Use of level transmitters in storage tank and adjustment vessel to avoid spillages. Automated transfer of most of intermediate, raw materials and finished goods used for avoiding spillages.
	quantities of active ingredients to minimize waste. • Reuse of by-products	We have implemented level switch (high level protection) for filling o tankers, containers of finished goods to eliminate spillages. It wil eliminate environment incidence and reduce load on ETP and Hazardous Waste.
	from the process as raw materials or as raw material substitutes in other	By-products are reused into process to the extent possible.
	<ul> <li>process.</li> <li>Maximizing recoveries.</li> </ul>	

ular mock drills for the on- emergency management is shall be carried out dementation of changes / provement required, if any, the on-site management is shall be ensured. separate environment hagement cell with lified staff shall be set up implementation of the ulated environmental eguards.	Environ various environ	rill conducted on 2 iment managemen Departments. Me iment related com	nt cell is set up with total : eting held on 25.06.2024	15 members of
nagement cell with lified staff shall be set up implementation of the ulated environmental	Environ various environ	Departments. Me ment related com	eting held on 25.06.2024	
		1		
		Names	Dept	Designation
	1	Avinash Shinde	SHE and Instruments	Chairman
	2	Pradeep Kadam	SHE	Member
	3	Suraj Rathi	SHE	Member
		Sham/Swapnil	CG	Member
	4	Kulkarni		Member
				Member
				Member
				Member
	9	Amit Kakkar	Mech, Elec., Civil maintenance	Member
	10	Praful A	Mech. Maintenance	Member
	11	Kunal Waghmare	Electrical Maintenance	Member
	12	Narendra Dali	Stores	Member
	13	Nilesh Kavankar	Instrument Maintenance	Member
	14	Omkar Patil	Civil Maintenance	Member
	15	Pooja Desai	NPT	Member
		5 6 7 8 9 10 11 12 13 14 15 	5       Deepak Divate         6       Vinod Mante         7       Pravin Bhor         8       Hemant Patil         9       Amit Kakkar         10       Praful A         11       Kunal Waghmare         12       Narendra Dali         13       Nilesh Kavankar         14       Omkar Patil         15       Pooja Desai	5       Deepak Divate       Conversion         6       Vinod Mante       MIC, Conversion         7       Pravin Bhor       SIC, Conversion         8       Hemant Patil       SIC, Conversion         9       Amit Kakkar       Maintenance         10       Praful A       Mech. Maintenance         11       Kunal Waghmare       Electrical Maintenance         12       Narendra Dali       Stores         13       Nilesh Kavankar       Maintenance         14       Omkar Patil       Civil Maintenance         15       Pooja Desai       NPT

24	Separate funds shall be allocated for implementation		this period, we incurred expendit ails given in the table below	ure of Rs. 3.50 lacs (approx.)
	of environmental protection measures / EMP along with	Sr. No.	Description of Project	Investment Cost in INR
	item-wise breaks- up. These	1	ETP Maintenance	3,50,000
	costs shall be included as part		TOTAL	3,50,000
	of the project cost. The funds			
	earmarked for the			
	environment protection			
-	measures shall not be			
	diverted for other purposes			
	and year wise expenditure			
	should be reported to the			
	MPCB and this department.			
25	The project management	the second second second second	isement was given in two local ne	
	shall advertise at least in two	and als	o uploaded copy of EC on compar	ny website.
	local newspapers widely circulated in the region			
	around the project, one of			
	which shall be in the Marathi			
	language of the local			
	concerned within seven days			
	of issue of this letter,			
	informing that the project has			
	been accorded			
	environmental clearance and			
	copies of clearance letter are			
	available with the			
	Maharashtra Pollution			
	Control Board and may also			
	be seen at website at			
	http://ec.maharashtra.gov.in.			
26	Project management should	We hav	ve submitted half yearly EC compl	iance report to MPCB.
	submit half yearly compliance reports in respect of the			
	stipulated prior environment			
	clearance terms and			
	conditions in hard and soft			
	copies to the MPCB and this			
	department on 1 <sup>st</sup> June and			
	1 <sup>st</sup> December of each			
	calendar year.			
27	A copy of the clearance letter			
	shall be sent by proponent to	EC cop	y published on website of the Con	npany.
	the concerned Municipal			
	Corporation and the local			
	NGO, if any, from whom			
	suggestions/representations,			
	if any, were received while			

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	processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	
28	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective zonal office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Status of compliance of the stipulated EC conditions, including results of monitored data will be uploaded on our website and will be updated regularly. The Criteria Pollutant Levels are displayed on the main gate of the Company on newly installed electronic digital display. Please refer enclosed <b>Annexure B</b> for latest Stack Emission reports.
29	The project proponent shall also submit six monthly report on the status of compliance of the stipulated EC Conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	We have submitted six monthly report on the status of compliance of the stipulated EC Conditions including results of monitored data to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
30	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form – V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the Company along with the status of compliance of EC	Environment statement for the year 2022-2023 submitted online with the MPCB website on 30.09.2023 Copy of Environment statement will be displayed on the Company website along with status of EC Conditions and will also be sent to Regional Officers of MoEF by email.

conditions and shall also be	
sent to the respective	
Regional Offices of MoEF by	
email.	

Status of compliance of conditions stipulated in our earlier Environment Clearance dated 03.12.2010.

Sr.No.	Conditions	Compliance Status		
1	"Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environmental department before start of any construction work at the site.	Copy of Consent to Establish was submitted in earlier EC Compliance report.		
2 No land development / construction work preliminary or otherwise relating to the project shall taken up without obtaining due clearance from respective authorities.		No additional land has been acquired and project is completed within the existing plot.		
3 to 27	Conditions from Environment Clearance dated 03.12.2010 are also covered in above condition nos.2-4, 9-30 of Environment Clearance dated 08.04.2015.	Please refer remarks in status of compliance of conditions in Environment Clearance dated 08.04.2015.		
28	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble Court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.	Noted		

For Galaxy Surfactants Limited

Handage ,

Shamsundar Gawade General Manager- Corporate Governance

Plot No. A.95, Road No. 16, Kison Nagar Road, M I D.C. Weyle Industrial Area, Tharre - 400 604. Maharashtra State, India. Ø : (91-22) 2563 3321 / 2563 3322 / 2563 3323 / 2563 3324 • E-mail : prs@sadekarenviro.com / psadekarSi@gmail.com

Annexu-e-A

SAVE LUATER SAVE LIFE

2	SEET/AA/04/	24/01		Date			04/04/2024
Report No Name of Client	BAL CALAVY	SUDEACTA	NTS L	IMITED			
Address of Client	Plot No. V-23 & 01, MIDC Taloja, Tal. Panvel, Dist. Raigad – 41						10208
Sample collected by	AA Represent	D	Duration of sampling			24 Hrs	
Reference		Thritten					
		S	ample Receip	ot Da	te	27/03/2024	
Analysis Start Date	Date of sampling 26/03/2024 28/03/2024			nalysis Com	plete	Date	03/04/2024
Analysis Start Date	20/00/2021	AMBIENT A					
Location of H.V.S.	Near Material		Late	ral Distance		5.0 Mtr.	From Material Gate
Ambient Temperature	34.1°C	Outo (1 LD)		ptor Distanc	e	1.5 Mtr.	From Ground Level
Ambient Temperature	P(	DLLUTIONAL					
-	Units			NAAQS		Method	
Parameters	Onits			Limits			
Particulate Matter PM	ο μg/m <sup>3</sup>	68.60		100	Instr.Manual version 2.01		
Particulate Matter PM		28.00		60	CPCB Manual Volume 1		
Sulphur Dioxide (SO2		32.00		80	IS 5182(part 2)2001 (RA 201		2)2001 (RA 2017)
Nitrogen Dioxide (NO	1 1 20	16.90		80	IS 5182(part 2)2006 (RA 2017		2)2006 (RA 2017)
Ozone (O <sub>3</sub> )	μg/m <sup>3</sup>	BDL(MDL<19.6		100		MASA-411 3rd Ed	
Lead (Pb)	μg/m <sup>3</sup>	BDL(MDL<0.1		1.0	MASA-822 3rd Ed		
Carbon Monoxide (CC	)) mg/m <sup>3</sup>	0.72		02	IS 5182(part 10)1999 (RA 2014)		art 10)1999 (RA 2014)
	μg/m <sup>3</sup>	BDL(MDL<0.02		400	MASA-401 3rd Ed		A-401 3rd Ed
Ammonia (NH <sub>3</sub> ) Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/m <sup>3</sup>	BDL(MDL<0.2		05		IS 5182(part 11)2006 (RA 2017)	
Benzo (a) Pyrene (Bal	P) ng/m <sup>3</sup>	BDL(MDL	(<1)	01	CPCB Manual Vol 1 2011		
Arsenic (As)	ng/m <sup>3</sup>	BDL(MDL-		06	MASA-302 3rd Ed		
211 1 1 (211)	nalmi	BDI (MDI	<7)	20	MASA-822 3rd Ed		
NICKEI (NI) NOTE: 1) The above	raculte relate or	ly to the condit	ion pre	vailing at the	time	e of sampli	ing.

4) BDL - Below Detectable Limit.

Dicey Authorized By

0104127

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist, Palghar - 401506 @: 8501159165 / 7304633668 E-mail : evaporationcystem@sadekarenviro.com • Website : www.sadekarenviro.com /

GOA UNIT : 310, Dempo Towers, EDC Patto, Panajl-403 001. Goa Stale, India ② : (0632) 2437048 / 2437164 E-mail : sadekarenviro@redifimail.com • CIN No. - U45209MH1998PTC-116379



Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra Stale, India. ②: (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SAVE WATER SAVE LIFE

SEET/AA/04 M/s GALAX Plot No. V-2.	VSHDEACTA	NTS I	LIMITED			
Plot No. V-2	P & OI MIDC T	11101	L/LITAR & MIL			
Plot No. Y-2.	Plot No. V-23 & 01, MIDC Taloja, Tal. Panvel, Dist. Raigad – 410208					
				Duration of sampling		
Charles and the second s		S	ample Receir	27/03/2024		
Date of sampling			nalysis Com	nlete Date	03/04/2024	
28/03/2024	ANDIENT AT	DET	ATION	51010 15 111		
		Lata	ral Distance	5.0 Mt	r. From Gate No.3	
	10.3 (V-25)	-71 A.2.			r. From Ground	
34.1°C		Reco	eptor Distance	Level		
P	OLLUTIONAL	PAR	AMETERS			
Units	Result		NAAQS Limits	Method		
ug/m <sup>3</sup>	69.00		100		nual version 2.01	
us/m <sup>3</sup>			60		fanual Volume 1	
ug/m <sup>3</sup>	35.00		80	IS 5182(par	t 2)2001 (RA 2017)	
$\mu g/m^3$	29.00		80	IS 5182(par	t 2)2006 (RA 2017)	
us/m <sup>3</sup>	BDL(MDL<1	9.6)	100	MAS	A-411 3rd Ed	
ug/m <sup>3</sup>			1.0	MAS	A-822 3rd Ed	
mg/m <sup>3</sup>	0.87		02	IS 5182(part 10)1999 (RA 2014)		
ug/m <sup>3</sup>	BDL (MDL<	0.02) 400		MASA-401 3rd Ed		
		BDL(MDL<0.2)		IS 5182(part 11)2006 (RA 2017)		
ng/m <sup>3</sup>	BDL(MDL	<1)	01		fanual Vol 1 2011	
ng/m <sup>3</sup>		-1)			MASA-302 3rd Ed	
no/m3	BDL(MDL	BDI (MDL<7) 20 N			MASA-822 3rd Ed	
	26/03/2024 28/03/2024 28/03/2024 Near Gate N 34.1°C PC Units μg/m <sup>3</sup> μg/m <sup>3</sup>	26/03/2024           28/03/2024           28/03/2024           AMBIENT AI           Near Gate No.3 (V-23)           34.1°C           POLLUTIONAL           Units         Result           µg/m³         69.00           µg/m³         32.00           µg/m³         35.00           µg/m³         BDL(MDL<1           µg/m³         BDL(MDL<1           µg/m³         BDL(MDL<20           µg/m³         BDL(MDL<20	26/03/2024         S           28/03/2024         A           AMBIENT AIR ST           Near Gate No.3 (V-23)         Late           34.1°C         Reco           POLLUTIONAL PAR           Units         Result           µg/m³         69.00           µg/m³         32.00           µg/m³         35.00           µg/m³         BDL(MDL<19.6)	26/03/2024         Sample Receip           28/03/2024         Analysis Comp           AMBIENT AIR STATION           Near Gate No.3 (V-23)         Lateral Distance           34.1°C         Receptor Distance           POLLUTIONAL PARAMETERS           Units         Result         NAAQS           µg/m³         69.00         100           µg/m³         35.00         80           µg/m³         BDL(MDL<19.6)         100           µg/m³         BDL(MDL<0.1)         1.0           mg/m³         BDL(MDL<0.2)         400           µg/m³         BDL(MDL<0.2)         05           ng/m³         BDL(MDL<1)         01           ng/m³         BDL(MDL<7)         20	Sample Receipt Date26/03/2024AMBIENT AIR STATIONAMBIENT AIR STATIONNear Gate No.3 (V-23)Lateral Distance5.0 Mtr34.1°CReceptor Distance1.5 MtPOLLUTIONAL PARAMETERSUnitsResultNAAQSµg/m³69.00100Instr.Maaµg/m³µg/m³35.0080µg/m³35.0080µg/m³BDL(MDL<19.6)100µg/m³BDL(MDL<0.1)1.0µg/m³BDL(MDL<0.2)400µg/m³BDL(MDL<0.2)400µg/m³BDL(MDL<0.2)400µg/m³BDL(MDL<0.2)400µg/m³BDL(MDL<0.2)400µg/m³BDL(MDL<0.2)05µg/m³BDL(MDL<1)01CPCB Mng/m³BDL(MDL<7)20MassMassµg/m³BDL(MDL<7)20µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³BDL(MDL<7)µg/m³µg/m³µg/m³µg/m³µg/m³µg/m³	

HIGH COD/TDS FACILITY : Plot No. E-133 & P-195, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2: 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. ② : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 ● E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE WATER SAVE UPE

Report No	SEET/AA/0	4/24/03	Date	F	04/04/2024
Name of Client		Y SURFACTANT	SLIMITED		04/04/2024
Address of Client	Plot No. V-2	3 & 01, MIDC Talo	ia Tal Panyel D	ist Raigad	410000
Sample collected by	AA Represen	ntative	Duration of san	noling	24 hrs
Reference			D'unation of San	npinig	24 nrs
Date of sampling	26/03/2024		Sample Receipt	Date	27/02/2024
Analysis Start Date	28/03/2024		Analysis Comp		27/03/2024
		AMBIENT AIR	STATION .	03/04/2024	
Location of H.V.S.	Near Materia (EOU)	l Gate No. 6	Lateral Distance	5.0 Mtr. No. 6 (E	From Material Gate
Ambient Temperature	34.1°C		Receptor Distance		From Ground Leve
	Р	OLLUTIONAL PA	RAMETERS	1.5 1014.	110m Ground Leve
Parameters	Units	Result	NAAQS Limits		Method
Particulate Matter PM10	μg/m <sup>3</sup>	53.00	100	Instr Man	ual version 2.01
Particulate Matter PM2.5	μg/m <sup>3</sup>	25.00	60		anual Volume 1
Sulphur Dioxide (SO <sub>2</sub> )	μg/m <sup>3</sup>	38.00	80	IS 5182(part 2)2001 (RA 2017)	
Nitrogen Dioxide (NO <sub>2</sub> )	μg/m <sup>3</sup>	26.00	80	IS 5182(part 2)2006 (RA 2017)	
Ozone (O <sub>3</sub> )	μg/m <sup>3</sup>	BDL(MDL<19.6)	100	MASA-411 3rd Ed	
Lead (Pb)	μg/m <sup>3</sup>	BDL(MDL<0.1)	1.0		A-822 3rd Ed
Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.98	02	IS 5182(pa	art 10)1999 (RA 2014)
Ammonia (NH3)	µg/m <sup>3</sup>	BDL(MDL<0.02)	400		4-401 3rd Ed
Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/m <sup>3</sup>	BDL(MDL<0.2)	05	IS 5182(pa	art 11)2006 (RA 2017)
Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	BDL(MDL<1)	01		nual Vol 1 2011
Arsenic (As)	ng/m <sup>3</sup>	BDL(MDL<0.1)	06		-302 3 <sup>rd</sup> Ed
Vickel (Ni) NOTE: 1) The above res	ng/m <sup>3</sup>	BDL(MDL<7)	20	MAGA	Coo ard m I

3) NAAQS-National Ambient Air Quality Standards

4) BDL - Below Detectable Limit.



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HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M I D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India. Ø : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE UNATER SAVE UPE

Report No	SEET/AA/04	4/24/04		D	ate	04/04/2024
Name of Client	and the second	XY SURFACT	ANTS		ate	04/04/2024
Address of Client	Plot No. V-2	3 & 01. MIDC	Taloia	Tal Panyel	Dist. Raigad -	410208
Sample collected by	AA Represe	ntative		Duration of s	ampling	24 hrs
Reference		220 33.00 A		Duration of 2	sampring	24 ftrs
Date of sampling	26/03/2024			Sample Rece	int Data	27/03/2024
Analysis Start Date	28/03/2024			Analysis Cor		03/04/2024
		AMBIENT			inpiete Date	05/04/2024
Location of H.V.S.	Near MED V (MED)	Vare House		al Distance	5.0 Mtr. Fr House	rom MED Ware
Ambient Temperature	34.1°C		Recer	otor Distance		rom Ground Level
	Р	OLLUTIONA	LPAR	AMETERS	1.0 101.11	tom Ground Level
Parameters	Units	Resul		NAAQS Limits	Method	
Particulate Matter PM10	µg/m <sup>3</sup>	48.00		100	Instr Man	ual version 2.01
Particulate Matter PM2.5	µg/m <sup>3</sup>	21.00		60		anual Volume 1
Sulphur Dioxide (SO <sub>2</sub> )	μg/m <sup>3</sup>	23.80		80		2)2001 (RA 2017)
Nitrogen Dioxide (NO2)	μg/m <sup>3</sup>	13.00		80	IS 5182(part	2)2006 (RA 2017)
Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	BDL(MDL<19.6)		100	MASA	-411 3rd Ed
Lead (Pb)	μg/m <sup>3</sup>	BDL(MDL		1.0		-822 3rd Ed
Carbon Monoxide (CO)	mg/im <sup>3</sup>	0.24	6	02	IS 5182(part 10)1999 (RA 2014	
Ammonia (NH3)	μg/m <sup>3</sup>	BDL(MDL<	(0.02)	400	MASA-401 3rd Ed	
Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/m <sup>3</sup>	BDL(MDL	<0.2)	05		1)2006 (RA 2017)
Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	BDL(MDI	.<1)	01	CPCB Mar	nual Vol 1 2011
Arsenic (As)	ng/m <sup>3</sup>	BDL(MDL.	<0.1)	06	MASA-302 3rd Ed	
Nickel (Ni)	ng/m <sup>3</sup>	BDL(MDL	,<7)	20	MACA 000 od DJ	
NOTE:1) The above rest 2) The above rest 3) NAAQS-Natic 4) BDL – Below	onal Ambient ,	/ to the item tes Air Ouality Sta	sted	ailing at the ti	me of sampling	Ξ→> Υ

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (D: 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



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**Sadekar Enviro Engineers Private Limited** 

Plot No. A-95, Road No. 16, Kisan Nagar Road, M I D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. ₡ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 ● E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE WATER SAVE UPE

Report No	SEET/AA/04	4/24/05		Dat	e	04/04/2024	
Name of Client	M/s GALAY	Y SURFACT	ANTS			04/04/2024	
Address of Client	Plot No. V-2	3 & 01, MIDC	Taloia.	Tal. Panyel, I	Dist Raigad -	- 410208	
Sample collected by	AA Represen	ntative		Duration of sa	mpling	24 hrs	
Reference			p.ing	24 113			
Date of sampling	26/03/2024		1	Sample Receip	ot Date	27/03/2024	
Analysis Start Date	28/03/2024			Analysis Com		03/04/2024	
		AMBIENT A				00/01/2024	
Location of H.V.S.	Near Admin			ral Distance	5.0 Mtr. From Admin Gate (EOU)		
Ambient Temperature	34.1°C		Rece	ptor Distance		rom Ground Level	
	Р	OLLUTIONAL				.om Ground Dever	
Parameters	Units	Result		NAAQS Limits		Method	
Particulate Matter PM10		56.00		100	Instr.Ma	nual version 2.01	
Particulate Matter PM2.5	$\mu g/m^3$			60		fanual Volume 1	
Sulphur Dioxide (SO <sub>2</sub> )	μg/m <sup>3</sup>	38.00		80		t 2)2001 (RA 2017	
Oxide of Nitrogen (NOx		27.90		80	IS 5182(par	t 2)2006 (RA 2017	
Ozone (O3)	μg/m <sup>3</sup>	BDL(MDL<	19.6)	100	MASA-411 3rd Ed		
Lead (Pb)	μg/m <sup>3</sup>	BDL(MDL<	:0.1)	1.0	MASA-822 3rd Ed		
Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.79		02	IS 5182(part 10)1999 (RA 2014)		
Ammonia (NH3)	$\mu g/m^3$	BDL(MDL<	0.02)	400	MASA-401 3rd Ed		
Benzene (C6H6)	μg/m <sup>3</sup>	BDL(MDL<	0.2)	05	IS 5182(part 11)2006 (RA 2017)		
Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	BDL(MDL«	<1)	01	CPCB Ma	unual Vol 1 2011	
Arsenic (As)	ng/m <sup>3</sup>	BDL(MDL<		06	MASA-302 3rd Ed		
Nickel (Ni)	ng/m <sup>3</sup>	BDL(MDL<7)		20 ailing at the tin	MASA-822 3rd Ed		

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HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (C): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. (2): (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE WATER SAVE UPE

Report No	SEET/AA/06	/24/363		Da	te		24/06/2024
Name of Client	M/s GALAX	Y SURFACTA	NTS I	LIMITED			
Address of Client	Plot No. V-23	& 01, MIDC T	aloja,	Tal. Panvel,	Dist.	Raigad – 4	10208
Sample collected by	AA Represen		I	Duration of sampling			24 Hrs
Reference							
Date of sampling	13/06/2024			Sample Recei			14/06/2024
Analysis Start Date	15/06/2024			Analysis Con	iplete	Date	20/06/2024
		AMBIENT A	IR ST	ATION			
Location of H.V.S.	Near Material	Gate (V-23)	Late	eral Distance		A DOTAGE SUBJECT	From Material Gate
Ambient Temperature	33.8°Ć		Rec	eptor Distanc	e 1.5 Mtr. From Groun		From Ground Level
	P	OLLUTIONAL	PAR	AMETERS			196 A
Parameters	Units	Result		NAAQS Limits		ľ	Aethod
Particulate Matter PM10	µg/m <sup>3</sup>	73.00		100		Instr.Manı	al version 2.01
Particulate Matter PM2.5	µg/m <sup>3</sup>	32.00	<u>N</u>	60		CPCB Manual Volume 1	
Sulphur Dioxide (SO2)	μg/m <sup>3</sup>	35.00		80	IS 5182(part 2)2001 (RA 2017)		
Nitrogen Dioxide (NO2)		14.90		80	IS	IS 5182(part 2)2006 (RA 2017)	
Ozone (O <sub>3</sub> )	μg/m <sup>3</sup>	BDL(MDL<	19.6)	100		MASA-411 3rd Ed	
Lead (Pb)	µg/m <sup>3</sup>	BDL(MDL<	0.1)	1.0			-822 3rd Ed
Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.79		02			urt 10)1999 (RA 2014)
Ammonia (NH3)	μg/m <sup>3</sup>	BDL(MDL<	0.02)	400		MASA	-401 3 <sup>rd</sup> Ed
Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL(MDL<	BDL(MDL<0.2)				rt 11)2006 (RA 2017)
Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	BDL(MDL-	<1)	01			nual Vol 1 2011
Arsenic (As)	ng/m <sup>3</sup>	BDL(MDL<	0.1)	06		MASA	-302 3 <sup>rd</sup> Ed
Nickel (Ni)	ng/m <sup>3</sup>	BDL(MDL		20		MASA	-822 3rd Ed

2) The above results relate only to the item tested.

3) NAAQS-National Ambient Air Quality Standards

4) BDL - Below Detectable Limit.

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com

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SHIVE WHTER SHIVE UPE

Report No	SEET/AA/06	5/24/364		Date	е.		24/06/2024	
Name of Client	MACATAN	V SURFACTA	NTS I	IMITED	8	11		
Address of Client	Plot No. V-2	3 & 01, MIDC T	aloja,	Tal. Panvel,	Dist. R	aigad – 4	10208	
Sample collected by	AA Represei	ntative	D	Duration of sampling			24 hrs	
Reference								
Date of sampling	13/06/2024			ample Receip	ot Date		14/06/2024	
Analysis Start Date	15/06/2024			nalysis Com	plete D	ate	20/06/2024	
Analysis Start Date	AMBIENT AIR							
Location of H.V.S.	Near Gate N		Late	ral Distance		From Gate No.3		
Ambient Temperature	33.8°C			and the second se	otor Distance		1.5 Mtr. From Ground Level	
	P	OLLUTIONAL	PAR	AMETERS				
Parameters	Units	Result		NAAQS Limits	2		lethod	
Particulate Matter PM10	µg/m <sup>3</sup>	63.00		100			al version 2.01	
Particulate Matter PM2.5	μg/m <sup>3</sup>	28.40		60		CPCB Manual Volume 1		
Sulphur Dioxide (SO <sub>2</sub> )	μg/m <sup>3</sup>	31.00		80	IS 5182(part 2)2001 (RA 201)		2)2001 (RA 2017)	
Nitrogen Dioxide (NO <sub>2</sub> )		19.00		80	IS 51	82(part 2	2)2006 (RA 2017)	
Ozone (O <sub>3</sub> )	μg/m <sup>3</sup>	BDL(MDL<1	9.6)	100		MASA-411 3rd Ed		
Lead (Pb)	μg/m <sup>3</sup>	BDL(MDL<		1.0			-822 3rd Ed	
Carbon Monoxide (CO)		0.81		02	IS	IS 5182(part 10)1999 (RA 2014)		
Ammonia (NH3)	µg/m <sup>3</sup>	BDL(MDL<0	.02)	400			-401 3rd Ed	
Benzene ( $C_6H_6$ )	μg/m <sup>3</sup>	BDL(MDL<		05		1	rt 11)2006 (RA 2017)	
Benzo (a) Pyrene (BaP)	ng/m <sup>3</sup>	BDL(MDL<	<1)	01	C		nual Vol 1 2011	
Arsenic (As)	ng/m <sup>3</sup>	BDL(MDL<		06			-302 3rd Ed	
Nickel (Ni) NOTE: 1) The above re	ng/m <sup>3</sup>	BDL(MDL		20		MASA	-822 3 <sup>rd</sup> Ed	

2) The above results relate only to the item tested.

3) NAAQS-National Ambient Air Quality Standards

4) BDL - Below Detectable Limit.

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HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (C): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. Ø : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 ● E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SAVE WATER SAVE WAE

Derest Ma	SEET/AA/06/	24/365	Date		24/06/2024		
Report No	MACALAX	Y SURFACTANTS	LIMITED	LIMITED			
Name of Client Address of Client	Plot No. V-23	& 01, MIDC Taloj	a. Tal. Panvel, Dis	t. Raigad -	410208		
	AA Represent	ative	Duration of sam	oling	24 hrs		
Sample collected by	AA Kepresent	ative	~				
Reference	13/06/2024		Sample Receipt	Date	14/06/2024		
Date of sampling	15/06/2024		Analysis Comple		20/06/2024		
Analysis Start Date	AMBIENT AIR						
	27 21.1.1.1		Lateral Distance	50 Mtr.	From Material Gate		
Location of H.V.S.	Near Material (EOU)	Gate No. 6	Lateral Distance	No. 6 (E	(UO		
Ambient Temperature	33.8°C		Receptor Distanc	e 1.5 Mtr.	From Ground Leve		
Ambient Temperature	1 33.0 C	OLLUTIONAL PA					
Demonstern	Units	Result	NAAOS	ii -	Method		
Parameters	Clifts	Ittourt	Limits				
Particulate Matter PM1	<sub>0</sub> μg/m <sup>3</sup>	57.00	100		nual version 2.01		
Particulate Matter PM2		23.90	60		fanual Volume 1		
Sulphur Dioxide (SO <sub>2</sub> )		36.00	80	IS 5182	(part 2)2001 (RA 2017)		
Nitrogen Dioxide (NO;	$\mu$ ) $\mu$ g/m <sup>3</sup>	18.00	80	IS 5182	(part 2)2006 (RA 2017)		
0	μg/m <sup>3</sup>	BDL(MDL<19.6	b) 100	MAS	SA-411 3rd Ed		
Ozone (O <sub>3</sub> )	μg/m <sup>3</sup>	BDL(MDL<0.1			SA-822 3rd Ed		
Lead (Pb) Carbon Monoxide (CO		0.91	02	IS 5182(	part 10)1999 (RA 2014)		
Ammonia (NH <sub>3</sub> )	μg/m <sup>3</sup>	BDL(MDL<0.02	2) 400		SA-401 3rd Ed		
Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/m <sup>3</sup>	BDL(MDL<0.2			part 11)2006 (RA 2017)		
Benzo (a) Pyrene (BaP	) ng/m <sup>3</sup>	BDL(MDL<1)	01	CPCB M	fanual Vol 1 2011		
Arsenic (As)	ng/m <sup>3</sup>	BDL(MDL<0.1	) 06		SA-302 3rd Ed		
Nickel (Ni)	ng/m <sup>3</sup>	BDL(MDL<7)	the second se	MA	SA-822 3rd Ed		

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.

2) The above results relate only to the item tested.

3) NAAQS-National Ambient Air Quality Standards

4) BDL - Below Detectable Limit.



HIGH COD/TDS FACILITY: Plot No. E-133 & P-196; Tarapur MIDC, Boisar, Dist. Palghar - 401506 (\$\vec{v}\$: 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. Ø : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmiail.com

SAVE WATER SAVE LIFE

Report No	SEET/AA/06/	24/366		Da	te	24/06/2024	
Name of Client	M/s GALAX	<b>Y SURFACT</b>	ANTS	LIMITED			
Address of Client	Plot No. V-23	ot No. V-23 & 01, MIDC Taloja, Tal. Panvel, Dist. Raigad - 410208					
Sample collected by	AA Represent			Duration of s	ampling	24 hrs	
Reference							
Date of sampling	13/06/2024			Sample Rece	pt Date	14/06/2024	
Analysis Start Date	15/06/2024	15/06/2024			plete Date	20/06/2024	
		AMBIENT					
Location of H.V.S.	The second se	(MED)		al Distance	5.0 Mtr. From MED Ware House		
Ambient Temperature	33.8°C	Receptor Distance		otor Distance	1.5 Mtr. Fr	om Ground Level	
Amount remperature	P	OLLUTIONA	L PAF	AMETERS		1	
Parameters	Units	Result		NAAQS Limits	Method		
Particulate Matter PM10	$\mu g/m^3$	48.00	)	100	Instr.Manual version 2.01		
Particulate Matter PM2		24.10	)	60	CPCB Manual Volume 1		
Sulphur Dioxide (SO <sub>2</sub> )		21.40	)	80	IS 5182(part	2)2001 (RA 2017)	
Nitrogen Dioxide (NO2		15.60	)	80	IS 5182(part	2)2006 (RA 2017)	
Ozone (O <sub>3</sub> )	μg/m <sup>3</sup>	BDL(MDL	<19.6)	100		A-411 3rd Ed	
Lead (Pb)	µg/m <sup>3</sup>	BDL(MD		1.0	MASA-822 3rd Ed		
Carbon Monoxide (CO		0.32		02	IS 5182(part	10)1999 (RA 2014)	
Ammonia (NH3)	μg/m <sup>3</sup>			400		4-401 3 <sup>rd</sup> Ed	
Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/m <sup>3</sup>	BDL(MD)		05	IS 5182(part	11)2006 (RA 2017)	
Benzo (a) Pyrene (BaP		BDL(MD		01		nual Vol 1 2011	
Arsenic (As)	ng/m <sup>3</sup>	BDL(MD)		06		A-302 3 <sup>rd</sup> Ed	
Nickel (Ni)	ng/m <sup>3</sup>	BDL(MD	and the second se	20	MASA-822 3rd Ed		

NOTE:1) The above results relate only to the condition prevailing

2) The above results relate only to the item tested.

3) NAAQS-National Ambient Air Quality Standards

4) BDL - Below Detectable Limit.



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Plot No. A-95, Road No. 16, Kisan Nagar Road, M I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. ② : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 ● E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SRIVE WATER SRIVE WAE

Report No	SEET/AA/06/	24/367		Date	•	24/06/2024
Name of Client	M/CALAX	V SURFACTA	NTS L	IMITED		
Address of Client	Plot No. V-23	& 01, MIDC T	aloja, 7	Tal. Panvel, D	ist. Raigad -	410208
Sample collected by	AA Represent	ative	D	uration of sa	npling	24 hrs
Reference					1	1
Date of sampling	13/06/2024		S	ample Receip	ot Date	14/06/2024
Analysis Start Date	15/06/2024		A	nalysis Com	plete Date	20/06/2024
/ mary bib Chart D art		AMBIENT A	IR ST	ATION		
Location of H.V.S.	Near Admin (	Gate (EOU)	Later	al Distance	5.0 Mtr. From Admin Gate (EOU)	
Ambient Temperature	33.8°C		Rece	otor Distance	1.5 Mtr. 1	From Ground Level
Amotone remperature	P	OLLUTIONAL	PAR	AMETERS		
Parameters	Units			NAAQS Limits		Method
Particulate Matter PM1	0 μg/m <sup>3</sup>	56.00		100		nual version 2.01
Particulate Matter PM2		33.80		60		Manual Volume 1
Sulphur Dioxide (SO2)		38.00		80	IS 5182(pa	rt 2)2001 (RA 2017)
Oxide of Nitrogen (NC		27.90		80	IS 5182(part 2)2006 (RA 2017	
Ozone (O3)	µg/m <sup>3</sup>	BDL(MDL<	:19.6)	100	MASA-411 3rd Ed	
Lead (Pb)	µg/m <sup>3</sup>	BDL(MDL-	<0.1)	1.0	MASA-822 3rd Ed	
Carbon Monoxide (CC		0.79		02	IS 5182(part 10)1999 (RA 2014)	
Ammonia (NH3)	μg/m <sup>3</sup>	BDL(MDL<	(0.02)	400		SA-401 3rd Ed
Benzene (C6H6)	µg/m <sup>3</sup>	BDL(MDL	<0.2)	05	Notes	(part 11)2006 (RA 2017)
Benzo (a) Pyrene (BaF	$ng/m^3$	BDL(MDI	_<1)	01	CPCB Manual Vol 1 2011	
Arsenic (As)	ng/m <sup>3</sup>	BDL(MDL		06		SA-302 3rd Ed
MI-1-1 (NII)	Ni-lad Oli) ng/m <sup>3</sup> BDL(N		(<7)	20		SA-822 3rd Ed
NOTE: 1) The above 2) The above 3) NAAQS-N	results relate on results relate or lational Ambier ow Detectable	it Air Quality S	ested.		time of samp	ling.

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com

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### Annexure-B



## Sadekar Enviro Engineers Private Limited

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra Stale, India. () : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

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Water Viets and a USE							
ANALYSIS	REPORT	FOR STA	CK EI	MISSION			
SEET/AA/04	4/24/24		Da	te	04/04/2024		
M/s GALAX	XY SURFA	ACTANTS	LIMI	ГED			
Plot No. V-2	Plot No. V-23 & 01, MIDC Taloja, Tal. Panvel, Dist. Raigad - 410208						
	AA Representative						
26/03/2024	Sample F	Receipt	Date	27/03/2024			
				ete Date	01/04/2024		
	DETAIL	S OF STA	CK				
	Unit		Result				
			<u>8-2</u>				
			Coal Fire Boiler (5TPH) Cyclone Separator + Bag Filter				
Shape				R	ound		
ameter M					0.4		
	М		35.0				
	°C		114				
	M/Sec		6.09				
	Nm³/Hr		2120				
	Kg/Hr.		Coal				
MET	HOD	UN	IT	LIMIT	RESULT		
IS 11255 (j	part I)-198	5 mg/N	Vm <sup>3</sup>	150	41.80		
IS 1255 (pa	rt II) – 198	35 kg/c	day	180	13.60		
IS 11255 (J	part 7)-200	5 pp	m		10.04		
IS 307	:1966	mg/	′m <sup>3</sup>		0.36		
EPA N	Aethod			N.A.	1.12		
EPA-26	A Method			N.A.	0.009		
-			7	0.5	0.010		
	SEET/AA/0 M/s GALA2 Plot No. V-2 AA Represen 26/03/2024 28/03/2024 28/03/2024	SEET/AA/04/24/24         M/s GALAXY SURF,         Plot No. V-23 & 01, M         AA Representative	SEET/AA/04/24/24           M/s GALAXY SURFACTANTS           Plot No. V-23 & 01, MIDC Taloja           AA Representative	SEET/AA/04/24/24         Da           M/s GALAXY SURFACTANTS LIMIT         Plot No. V-23 & 01, MIDC Taloja, Tal. P           AA Representative            26/03/2024         Sample Receipt           28/03/2024         Analysis Compl           DETAILS OF STACK           Unit             C;            M           0°C         M/Sec           Nm³/Hr         Kg/Hr.           IS 11255 (part I)-1985         mg/Nm³	M/s GALAXY SURFACTANTS LIMITED           Plot No. V-23 & 01, MIDC Taloja, Tal. Panvel, Dist.           AA Representative		

NOTE: 1)The above results relate only to the condition prevailing at the time of sampling. 2) The above results relate only to the item tested.

3) BDL – Below Detectable Limit.



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HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633668 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com

GOA UNIT : 310, Dempo Towers, EDC Pallo, Panaji-403 001, Goa State, India (?) : (0832) 2437048 / 2437164 E-mail : sadekarenviro@rediffmail.com • CIN No. - U45209MH1998PTC-116379



Plot No. A-95, Road No. 16, Kisan Nagar Road, M I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra Slate, India. Ø : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SRVE WHTER SRVE LIFE

Report No	SEET/A	A/04/24/25		Date	04/04/2024			
Name of Client	M/s GA	LAXY SURFA	CTANTS LIM	ITED				
Address of Client	Plot No	. V-23 & 01, MII	OC Taloja, Tal.	Panvel, Dist.	Raigad - 410208			
Sample collected by		presentative						
Reference								
Date of sampling	26/03/2	024	Sample Receipt		27/03/2024			
Analysis Start Date	28/03/2	024	Analysis Comp	lete Date	01/04/2024			
	1	DETAILS	OF STACK					
Description		Unit		Result				
Stack No.				S-3				
Stack Attached To				and the second	Boiler (EOU)			
Shape -		-		R	ound			
Viameter M		М			0.4			
Height From Ground Leve	l	М		30.25				
Temperature		°C		138				
Velocity of Flue Gases	_	M/Sec		8.10				
Volume of Flue Gases		Nm³/Hr			2655			
Type of Fuel		Kg/Hr.		I	7.0			
POLLUTION PARAME					1			
PARAMETERS	1	METHOD	UNIT	LIMIT	RESULT			
Total Particulate Matter	IS 112	255 (part I)-1985	nıg/Nm <sup>3</sup>	150	45.8			
Sulphur Di-Oxide	IS 125	5 (part II) – 1985	kg/day	156	16.80			
Oxide of Nitrogen	IS 112	255 (part 7)-2005			17.50			
Carbon Dioxide	I	S 307 :1966	mg/m <sup>3</sup>		0.14			
Sulphur Content			%	4.5	0.0100			

3) BDL - Below Detectable Limit.

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Report No	SEET/A	A/04/24/16	1	Date	04/04/2024		
Name of Client		LAXY SURFA	CTANTS LIN	IITED			
Address of Client					. Raigad – 410208		
Sample collected by		presentative			0		
Reference							
Date of sampling	27/03/2	024	Sample Recei	pt Date	28/03/2024		
Analysis Start Date	29/03/2			plete Date	02/04/2024		
•		DETAILS	OF STACK				
Description		Unit		I	Result		
Stack No.					S-4		
Stack Attached To				Scrubber	No .1 (V-23)		
Shape				Round			
Diameter		М		0.6			
Height From Ground Leve	el	М			30		
Temperature		°C			39		
Velocity of Flue Gases		M/Sec			6.11		
Volume of Flue Gases		Nm³/Hr		5	937.14		
Type of Fuel	el						
POLLUTION PARAME	TERS						
PARAMETERS	1	METHOD	UNIT	LIMIT	RESULT		
Total Particulate Matter	IS 112	255 (part I)-1985	mg/Nm <sup>3</sup>	150	8.65		
Sulphur Di-Oxide	IS 125.	5 (part II) - 1985	ppm	50	B.D.L (MDL <1)		
Oxide of Nitrogen	IS 112	55 (part 7)-2005		NA	2.96		
Carbon Dioxide	IS	\$ 307 :1966	mg/m <sup>3</sup>	NA	0.24		
Acid Mist	E	PA Method	ppm	35	12.80		
NOTE: 1)The above resu 2) The above resu 3) BDL – Below	ilts relate o	nly to the item te		1	horized By		

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



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#### ANALYSIS REPORT FOR STACK EMISSION

Report No	SEET/A	AA/04/24/31		Date	04/04/2024			
Name of Client	M/s GA	LAXY SURFAC	CTANTS LIMI	TED				
Address of Client	Plot No	. V-23 & 01, MII	DC Taloja, Tal. I	Panvel, Dist.	Raigad - 410 208			
Sample collected by		presentative						
Reference								
Date of sampling	28/03/2	024	Sample Receip	t Date	29/03/2024			
Analysis Start Date	30/03/2		Analysis Comp	olete Date	04/04/2024			
		DETAILS	5 OF STACK					
Description		Unit		R	esult			
Stack No.				S-5				
Stack Attached To		-212		Scrubber No .2 (EOU)				
Shape		((44))		Round				
Diameter		М		0.6				
Height From Ground Leve	el	М			30			
Temperature		°C		1.	34			
Velocity of Flue Gases		M/Sec		(	5.84			
Volume of Flue Gases	Nm³/Hr				5732			
Type of Fuel			-					
POLLUTION PARAME	ETERS							
PARAMETERS	1	METHOD	UNIT	LIMIT	RESULT			
Total Particulate Matter	IS 112	55 (part I)-1985	mg/Nm <sup>3</sup>	150	19.80			
Sulphur Di-Oxide	IS 125.	5 (part II) - 1985	ppm	50	B.D.L (MDL <1)			
Oxide of Nitrogen	IS 112	55 (part 7)-2005	ppm	NA	B.D.L (MDL <1)			
Carbon Dioxide	IS	307:1966	mg/m <sup>3</sup>	NA	0.27			
Acid Mist		PA Method	ppm	35	11.80			
NOTE:1)The above result 2) The above resu 3) BDL – Below I	lts relate o	nly to the item tes	n prevailing at t	he time of sa	é (c-y			

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



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Report No	SEET/A	A/04/24/23		Date	04/04/2024			
Name of Client	M/s GA	LAXY SURFA	CTANTS LIMI	ITED				
Address of Client	Plot No.	V-23 & 01, MI	DC Taloja, Tal. 1	Panvel, Dist.	Raigad - 410208			
Sample collected by	AA Rep	resentative						
Reference								
Date of sampling	28/03/20	)24	Sample Receipt		29/03/2024			
Analysis Start Date	30/03/2024 A		Analysis Comp	lete Date	03/04/2024			
		DETAILS	S OF STACK					
Description		Unit		Result				
Stack No.		-		S-6				
Stack Attached To				Scrubber	No .3 (MED)			
Shape		<del></del> :		Round				
Diameter		М		0.6				
Height From Ground Level		М			30			
Temperature		°C			39			
Velocity of Flue Gases		M/Sec		6.26				
Volume of Flue Gases		Nm <sup>3</sup> /Hr		6	5182			
Type of Fuel								
<b>POLLUTION PARAME</b>	TERS							
PARAMETERS	N	<b>IETHOD</b>	UNIT	LIMIT	RESULT			
Total Particulate Matter	IS 112:	55 (part I)-1985	mg/Nm <sup>3</sup>	150	7.68			
Sulphur Di-Oxide	IS 1255	(part II) - 1985	ppm	50	B.D.L (MDL <1)			
Oxide of Nitrogen	IS 1125	55 (part 7)-2005		NA	B.D.L (MDL <1)			
Carbon Dioxide	IS	307:1966	mg/m <sup>3</sup>	NA	0.19			
Acid Mist	EF	A Method	ppm	35	15.50			

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Report No	SEET/AA	/04/24/33		Dat	e 04/04/202			
Name of Client	M/s GAL	AXY SURFA	CTANTS LIM	ANTS LIMITED				
Address of Client	Plot No. V	-23 & 01, MII	OC Taloja, Tal.	Panvel, Dist.	. Raigad – 410208			
Sample collected by	AA Repres							
Reference								
Date of sampling	26/03/2024	26/03/2024 Sa		ample Receipt Date				
Analysis Start Date	28/03/2024	1	Analysis Comp	nalysis Complete Date 01/04/20				
12		DETAILS	OF STACK					
Description		Unit		Result				
Stack No.				S-7				
Stack Attached To	ed To			D.G. Set 1	.9 MW (EOU)			
Shape				F	lound			
Diameter		M			0.8			
Height From Ground Leve	1	М		45				
Temperature		°C		174				
Velocity of Flue Gases		M/Sec		9.86				
Volume of Flue Gases		Nm <sup>3</sup> /Hr		11355				
Type of Fuel		Kg/Hr.	F.O					
POLLUTION PARAME	TERS							
PARAMETERS	ME	THOD	UNIT	LIMIT	RESULT			
Total Particulate Matter	IS 11255	(part I)-1985	mg/Nm <sup>3</sup>	150	52.8			
Sulphur Di-Oxide	IS 1255 (J	oart II) – 1985	kg/day	864	41.70			
Oxide of Nitrogen	IS 11255	(part 7)-2005	ppm	NA	35.00			
Carbon Dioxide	IS 30	07:1966	mg/m <sup>3</sup>	NA	0.29			
Sulphur Content			%	4.5	0.0058			

2) The above results relate only to the item tested.

3) BDL - Below Detectable Limit.

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Report No	SEET/A	A/04/24/34		Date	04/04/2024			
Name of Client	M/s GA	LAXY SURFA	CTANTS LIMI	ANTS LIMITED				
Address of Client	Plot No	. V-23 & 01, MII	DC Taloja, Tal. I	Panvel, Dist.	Raigad - 410208			
Sample collected by		presentative						
Reference					27/03/2024			
Date of sampling	26/03/2			ample Receipt Date				
Analysis Start Date			Analysis Comp	nalysis Complete Date 01/04/2024				
		DETAILS	OF STACK					
Description		Unit		Result				
Stack No.				S-8				
Attached To				D.G. Se	t 1000 KVA			
Shape				Round				
Diameter	M			0.8				
Height From Ground Leve	el	М		33				
Temperature		°C		139				
Velocity of Flue Gases		M/Sec		9.32				
Volume of Flue Gases		Nm³/Hr		11548				
Type of Fuel		Kg/Hr.		H.S.D				
POLLUTION PARAME	TERS							
PARAMETERS	1	METHOD	UNIT	LIMIT	RESULT			
Total Particulate Matter	IS 112	255 (part I)-1985	mg/Nm <sup>3</sup>	150	47.2			
Sulphur Di-Oxide	IS 125	5 (part II) - 1985	kg/day	96	14.28			
Oxide of Nitrogen	IS 112	255 (part 7)-2005	ppm	NA	27.00			
Carbon Dioxide	I	S 307 :1966	mg/m <sup>3</sup>	NA	0.15			
Sulphur Content			%	1.0	0.0019			

e results relate only to the cond

2) The above results relate only to the item tested.

3) BDL - Below Detectable Limit.

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HIGH COD/TDS FACILITY: Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail: evaporationsystem@sadekarenviro.com • Website: www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. ② : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

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Report No	SEET/A	A/06/24/386	1	Date	24/06/2024	
Name of Client		LAXY SURFA				
Address of Client	Plot No	. V-23 & 01, MI	DC Taloja, Tal	. Panvel, Dist.	Raigad - 410208	
Sample collected by	AA Rep	presentative				
Reference						
Date of sampling	14/06/2	024	Sample Rece		15/06/2024	
Analysis Start Date	15/06/2		Analysis Con	plete Date	19/06/2024	
		DETAILS	<b>OF STACK</b>			
Description		Unit		Result		
Stack No.				S-2		
Stack Attached To				Coal Fire Boiler (5TPH) Cyclone Separator + Bag Filter		
Shape		2 <b>44</b> 5		R	ound	
Diameter		М			0.4	
Height From Ground Leve	eight From Ground Level N				35.0	
Temperature	°C				112	
Velocity of Flue Gases		M/Sec		6.20		
Volume of Flue Gases		Nm³/Hr		1	2170	
Type of Fuel		Kg/Hr.		Coal		
POLLUTION PARAME	TERS					
PARAMETERS	1	METHOD	UNIT	LIMIT	RESULT	
Total Particulate Matter	IS 112	255 (part I)-1985	mg/Nm <sup>3</sup>	150	36.00	
Sulphur Di-Oxide	IS 125	5 (part II) – 1985	kg/day	180	15.50	
Oxide of Nitrogen	IS 112	55 (part 7)-2005	ppm		9.75	
Carbon Dioxide	IS	\$ 307 :1966	mg/m <sup>3</sup>	(1997)	0.28	
Sulphates		PA Method	ppm	N.A.	0.95	
Chloride	EPA	-26 A Method	mg/Nm <sup>3</sup>	N.A.	0.005	
Sulphur Content NOTE: 1)The above resu			%	0.5	0.011	

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Report No	SEET/AA/06/24/378	Da	ite	24/06/2024			
Name of Client	M/s GALAXY SURF	ACTANTS LIMI	TED				
Address of Client	Plot No. V-23 & 01, N	AIDC Taloja, Tal. I	Panvel, Dist.	Raigad – 410208			
Sample collected by	AA Representative			for a second			
Reference							
Date of sampling	14/06/2024	Sample Receipt	t Date	15/06/2024			
Analysis Start Date	15/06/2024	Analysis Comp	lete Date	19/06/2024			
	DETAI	LS OF STACK					
Description	Unit		Result				
Stack No.			S-4				
Stack Attached To	ack Attached To		Scrubber	No .1 (V-23)			
Shape			172	ound			
Diameter	М		0.6				
Height From Ground Leve	el M		30				
Temperature	°C		39				
Velocity of Flue Gases	M/Sec		6.11				
Volume of Flue Gases	Nm <sup>3</sup> /Hr	*	5937.14				
Type of Fuel							
POLLUTION PARAME	TERS			DECUT			
PARAMETERS	METHOD	UNIT	LIMIT	RESULT			
Total Particulate Matter	IS 11255 (part I)-19	mg/Nm <sup>3</sup>	150	7.04			
Sulphur Di-Oxide	IS 1255 (part II) - 1		50	B.D.L (MDL <1)			
Oxide of Nitrogen	IS 11255 (part 7)-20		NA	2.96			
Carbon Dioxide	IS 307 :1966	mg/m <sup>3</sup>	NA	0.24			
Acid Mist NOTE: 1)The above resu	EPA Method	ppm	35	12.80			

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2) The above results relate only to the item tested.

3) BDL - Below Detectable Limit.





Plot No. A-95, Road No. 16, Kisan Nagar Road, M I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra Stale, India. ② : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 ● E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SAVE WATER SAVE UPE

Report No	SEET/A	A/06/24/393		Date	24/06/2024			
Name of Client	M/s GAI	LAXY SURFAC	CTANTS LIMIT	ANTS LIMITED				
Address of Client	Plot No.	V-23 & 01, MID	OC Taloja, Tal. P	anvel, Dist. I	Raigad – 410 208			
Sample collected by	AA Repr	esentative						
Reference		n						
Date of sampling	13/06/20	24		ample Receipt Date 14/06				
Analysis Start Date	15/06/20			Analysis Complete Date 19/06/2024				
		DETAILS	OF STACK					
Description		Unit		Result				
Stack No.				<u>8-5</u>				
Stack Attached To					No .2 (EOU)			
Shape				R	ound			
Diameter		М		0.6				
Height From Ground Leve	el	М		30				
Temperature		<sup>0</sup> C		36				
Velocity of Flue Gases		M/Sec		6.28				
Volume of Flue Gases		Nm <sup>3</sup> /Hr		6162				
Type of Fuel								
POLLUTION PARAME	Complete Date (1997) Add							
PARAMETERS	N	1ETHOD	UNIT	LIMIT	RESULT			
Total Particulate Matter	IS 112	55 (part I)-1985	mg/Nm <sup>3</sup>	150	17.70			
Sulphur Di-Oxide	IS 1255	(part II) – 1985	ppm	50	B.D.L (MDL <1)			
Oxide of Nitrogen	IS 112:	55 (part 7)-2005	ppm	NA	B.D.L (MDL <1)			
Carbon Dioxide	IS	307:1966	mg/m <sup>3</sup>	NA	0.22			
Acid Mist	E	PA Method	ppm	35	9.70			

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2) The above results relate only to the item tested.

3) BDL - Below Detectable Limit.

HIGH COD/TDS FACILITY: Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. 
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Report No	SEET/A	A/06/24/385		Date	24/06/2024	
Name of Client		LAXY SURFA	CTANTS LIM	ITED		
Address of Client	Plot No.	V-23 & 01, MII	OC Taloja, Tal. I	Panvel, Dist.	Raigad - 410208	
Sample collected by		resentative				
Reference						
Date of sampling	13/06/20	024	Sample Receipt	ample Receipt Date 14/0		
Analysis Start Date	15/06/20	024	Analysis Comp	lete Date	19/06/2024	
		DETAILS	OF STACK			
Description		Unit		R	esult	
Stack No.					S-6	
Stack Attached To					No .3 (MED)	
Shape				Round		
Diameter		М		0.6		
Height From Ground Level		М		30		
Temperature		°C			38	
		M/Sec		6	5.00	
Volume of Flue Gases Nm <sup>3</sup> /Hr		Nm <sup>3</sup> /Hr		5	849	
Type of Fuel						
POLLUTION PARAME						
PARAMETERS	N	<b>METHOD</b>	UNIT	LIMIT	RESULT	
Total Particulate Matter	IS 112	55 (part I)-1985	mg/Nm <sup>3</sup>	150	5.79	
Sulphur Di-Oxide	IS 1255	5 (part II) – 1985	ppm	50	B.D.L (MDL <1)	
Oxide of Nitrogen	IS 112	55 (part 7)-2005	ppm	NA	B.D.L (MDL <1)	
Carbon Dioxide	IS	307:1966	mg/m <sup>3</sup>	NA	0.15	
Acid Mist		PA Method	ppm	35	19.80	
Oxide of Nitrogen Carbon Dioxide	IS 112 IS El s relate on its relate or	55 (part 7)-2005 307 :1966 PA Method ly to the conditionally to the item tem	ppm mg/m <sup>3</sup> ppm n prevailing at t	NA NA 35	B.D.L (MDI 0.15 19.80	

HIGH COD/TDS FACILITY: Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. ② : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SPLE WHTER SPLE LIFE

Report No	SEET/A	A/06/24/395		Dat	e 24/06/2	2024		
Name of Client	M/s GA	LAXY SURFA	CTANTS LIM	TANTS LIMITED				
Address of Client	Plot No.	V-23 & 01, MII	DC Taloja, Tal.	Panvel, Dist.	Raigad - 41020	8		
Sample collected by	AA Repr	esentative	14.52					
Reference			84.1					
Date of sampling	17/06/20	24	Sample Receip	ample Receipt Date				
Analysis Start Date	19/06/20			lete Date	21/06/2024			
		DETAILS	OF STACK					
Description		Unit		Result				
Stack No.				S-8				
ttached To				D.G. Se	t 1000 KVA	3		
Shape				R	lound			
Diameter		М		0.8				
Height From Ground Leve	l	М		33				
Temperature		°C		146				
Velocity of Flue Gases		M/Sec	*	9.15				
Volume of Flue Gases		Nm³/Hr		11770		70		
Type of Fuel		Kg/Hr.		H.S.D				
POLLUTION PARAME	TERS			*				
PARAMETERS	M	ETHOD	UNIT	LIMIT	RESU	LT		
Total Particulate Matter	IS 1125	5 (part I)-1985	mg/Nm <sup>3</sup>	150	53.0	5		
Sulphur Di-Oxide	IS 1255	(part II) - 1985	kg/day	96	11.4	0		
Oxide of Nitrogen	IS 1125	5 (part 7)-2005	ppm	NA	25.0	0		
Carbon Dioxide	IS	307:1966	mg/m <sup>3</sup>	NA	0.22	2		
Sulphur Content		20.00	%	1.0	0.001	5		

NOTE:1)The above results relate only to the condition prevailing at the time of sampling.

2) The above results relate only to the item tested.

3) BDL - Below Detectable Limit.

Authorized By

HIGH COD/TDS FACILITY: Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Negar Road, M I D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India, ② : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SAVE WATER SAVE UPE

D		SEET/AA/04/2	24/06		Date	04/04/2	024
Report No Name of C		M/s GALAXY	SURFACTAN	TS LIMITED	)		
Address of	(1098)91-11	Dist No. V.22	& 01, MIDC Tal	oia, Tal. Panye	el, Dist. Raiga	d – 410208	
				0,14, 14, 14, 14, 14, 14, 14, 14, 14, 14,	.,		
	llected by	AA Representa	ative				
Date of sa		26/03/2024					
Duration Of sampling		24 hrs					
Reference	(		IT TIME NOIS	ELEVEL MO	ONITORING		
		DAY& NIGH	AT TIME NOIS	E LEVEL MI	onnonno		
Sr. No		ing Location	Noise Levels in dB(A) (Day Time)		Noise L dB(A)(Nig		Leq
	Sampa	ing Document	Max	Min	Max	Min	
1	Material Gate	(V-23)	71.2	68.6	63.7	60.1	65.7
		) (Day Time)	72.00			75	
MPCBL	MIT In dB(A	) (Night Time)				70	
A	which is relate "decibel" is a A", in dB (A) I	notes the time weig able to human hea unit in which nois Leq, denotes the fr nse characteristics ergy mean of the r	ring. se is measured. requency weighting s of the human he	ng in the meas	urement of no		ponds to
" fr	eq: It is the end						

toulog.



Plot No. A-95, Road No. 16, Kisan Negar Road, M.I D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. Ø : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SALE WATER SAVE UPE

Report No	SEET/AA/04/24/07	Date	04/04/2024
Name of Client	M/s GALAXY SURFACTANT		
Address of Client	Plot No. V-23 & 01, MIDC Talo	a, Tal. Panvel, Dist. Raigad	1 - 410208
Sample collected by	AA Representative		
Date of sampling	26/03/2024		
Duration Of sampling	24 hrs		
Reference			

Sr. No	Sampling Location	Noise L dB(A)(D		100 C C C C C C C C C C C C C C C C C C	Levels in ight Time)	Leq
		Max	Min	Max	Min	
1	Gate No.3 (V-23)	69.9	67.7	62.3	58.6	64.5
MPCB L	IMIT In dB(A) (Day Time)	N/			75	
MPCB L	IMIT In dB(A) (Night Time)				70	

**NOTE:** \*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured.

"A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise

And corresponds to frequency response characteristics of the human hear.

Leq: It is the energy mean of the noise level over a specified period.

Authorized By

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India. Ø : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE WATER SAVE UPE

Report N		SEET/AA/04/2-	4/09		Date	04	/04/2024
Name of	Client	M/s GALAXY	SURFACTA	NTS LIMIT	ED	101	104/2024
Address (	of Client	Plot No. V-23 &				ad - 410208	
	ollected by	AA Representat	ive		,	410200	
Date of sa		26/03/2024					
	Of sampling	24 hrs					
Reference	9						
		DAY& NIGHT	TIME NOIS	E LEVEL M	ONITORING		
Sr. No	Samplin	g Location	Noise Levels in dB(A)(Day Time)		Noise Levels indB(A) (Night Time)		Leq
			Max	Min	Max	Min	-
1	Near MED Wa	are House (MED)	70.6	65.4	54.7	48.4	58.3
MPCB LI	IMIT In dB(A)	(Day Time)			1.11	75	50.5
	IMIT In dB(A)				1	70	
A "/	A "decibel" is a u A", in dB (A) Le	tes the time weighte in hearing. unit in which noise i eq, denotes the frequ to frequency respon gy mean of the noise	s measured. lency weighti	ng in the meas	surement of noi		vhich is
			ß	Suno Prophysics	Tto	(asy	

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Paighar - 401506 (): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M I D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. Ø : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAUE WATER SAVE UPE

Report No		SEET/AA/04/24/10			Date	04	/04/2024		
Name of C	lient	M/s GALAXY SURFACTANTS LIMITED							
Address of Client		Plot No. V-23 & 01, MIDC Taloja, Tal. Panvel, Dist. Raigad – 410208							
Sample collected by		AA Representative							
Date of sampling		26/03/2024							
Duration Of sampling		24 hrs							
Reference									
<u> </u>			T TIME NOIS		IONITORING				
Sr. No	Sampling Location		Noise Levels in dB(A)(Day Time)		Noise Levels in dB(A)(Night Time)		Leq		
			Max	Min	Max	Min			
	Admin Gate (1		72.4	68.3	61.2	58.5	65.8		
MPCB LIN	AIT In dB(A)	(Day Time)				75	0010		
MPCB LIN	AIT In dB(A)	(Night Time)				70			
110	latable to numa	tes the time weigh an hearing.					11101115		
A "A Ar	"decibel" is a ", in dB (A) Le nd corresponds	unit in which noise eq, denotes the fre to frequency resp ergy mean of the n	quency weightin onse characteris	stics of the hu	man hear	se			

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 Ø: 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. ⑦ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SAVE WATER SAVE LIFE

Report No	2	SEET/AA/06/2	SEET/AA/06/24/368		Date	24/06/2	024		
Name of (		M/s GALAXY SURFACTANTS LIMITED							
Address o	f Client	Plot No. V-23	& 01, MIDC Tal	oja, Tal. Panve	el, Dist. Raiga	d-410208			
	ollected by	AA Representative							
Date of sampling		13/06/2024							
Duration Of sampling		24 hrs							
Reference					NUTODING				
		DAY& NIGI	IT TIME NOIS	E LEVEL MO	JNITOKING				
Sr. No	Sampling Location Material Gate (V-23)		Noise Levels in dB(A) (Day Time)		Noise Levels in dB(A)(Night Time)		Leq		
			Max	Min	Max	Min			
1			72.6	69.7	65.1	62.3	67.63		
	1 Material Gate (V-23) MPCB LIMIT In dB(A) (Day Time)					75			
VIEL DL		(Duy Time)				70			
MPCB I	IMIT In dB(A	) (Night Time) otes the time wei	ghted average of	the level of so	und in decibel				

HIGH COD/TDS FACILITY: Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. 🕐 : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE WATER SEVE LIFE

# REPORT FOR AMBIENT NOISE LEVEL MONITORING

			04/260		Date	24/0	6/2024
Report No SEET/AA/06/24		24/309	TTO A TRAITT				
Name of Client M/s GALAXY			SURFACTA	VIS LIMITI	SD .	1 410000	
Address of Client Plot No. V-23 &		23 & 01, MIDC Taloja, Tal. Panvel, Dist. Raigad – 410208					
Sample collected by AA Representa		ative					
Date of sa		13/06/2024					
Duration Of sampling 24 hrs							
Reference					ONTODING		
		DAY& NIGH	T TIME NOIS	E LEVEL M	ONTORING		
Sr. No	Samplin	ng Location	Noise L dB(A)(Da			evels in ght Time)	Leq*
			Max	Min	Max	Min	
		22)	68.8	66.5	61.4	59.3	62.5
1	Gate No.3 (V	-25)	00.0			75	

MPCB LIMIT In dB(A) (Night Time) NOTE: \*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured.

MPCB LIMIT In dB(A) (Day Time)

"A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise And corresponds to frequency response characteristics of the human hear.

Leq: It is the energy mean of the noise level over a specified period.

Authorized By

75

70



Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I D.C. Wagle Industrial Area, Thane - 400 604. Maharashira State, India. Ø : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com SAVE WATER SAVE UPE

Report No		SEET/AA/06/24/	370		Date	2	24/06/2024
M/s GALAXY SURFACTANT			TS LIMITE	0			
Address of Client Plot No. V-23 & 0			01, MIDC Tal	oja, Tal. Panv	el, Dist. Raiga	ad – 410208	
Sample collected by AA Representativ			ve				
Date of sa		13/06/2024					
	Of sampling	24 hrs					
Reference					-		
		DAY& NIGHT	TIME NOIS	E LEVEL M	ONITORING	5	
Sr. No				evels in ay Time)		evels in ght Time)	Leq*
			Max	Min	Max	Min	
1	Material Get	e No. 6 (EOU)	70.3	67.4	63.9	60.5	63.93
MOCDI		(Day Time)				75	
MPCDL	MIT In dB(A	(Night Time)				70	
MPCB L	dD(A) I og dar	otes the time weigh	ted average of	the level of so	ound in decibe	ls on scale	A which is
NOTE: *	dB(A) Leq der relatable to hur A "decibel" is 'A", in dB (A)	notes the time weigh	e is measured. quency weighti onse characteri	ing in the mea stics of the h	asurement of n uman hear.		A which is

HIGH COD/TDS FACILITY: Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M I D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India. Ø : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE WATER SAVE UPP

		SEET/AA/06/24/	371		Date	24/06	5/2024
Report No		SEET/AA/00/24/	UDEACTA	NTS LIMITE			
Name of Client         M/s GALAXY SURFACTANTS LIMITE           Address of Client         Plot No. V-23 & 01, MIDC Taloja, Tal. Part				vel Dist Raiga	d-410208		
			aloja, rai. rai				
	llected by	AA Representativ	ve				
Date of sa		13/06/2024					
And the second	Of sampling	24 hrs					
Reference							
		DAY& NIGHT	<b>FIME NOIS</b>	E LEVEL M			
Sr. No	Sampli	Sampling Location		evels in Noise Levels ay Time) (Night Ti			Leq
	-		Max	Min	Max	Min	
1	Near MED W	are House (MED)	72.9	68.4	51.3	47.1	65.21
MPCBL	IMIT In dB(A)					75	
MPCBL	IMIT In dB(A	) (Night Time)				70	
	relatable to hun A "decibel" is a 'A", in dB (A) l	nan hearing. a unit in which noise i Leq, denotes the frequ is to frequency respon	is measured. iency weight	ing in the mea istics of the h	usurement of no uman hear.		men 18
	relatable to hun A "decibel" is a 'A", in dB (A) l	a unit in which noise i	is measured. iency weight	ing in the mea istics of the h	usurement of no uman hear.		N

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Website : www.sadekarenviro.com



Plot No. A-95, Road No. 16, Kisan Nagar Road, M I D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India. (7) : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SALE WATER SAVE UPE

		SEET/AA/06/24	1/372		Date	24/0	06/2024
Report into			TS LIMITE	<b>ED</b>			
Trume of energy		& 01, MIDC Taloja, Tal. Panvel, Dist. Raigad – 410208					
				oju, run run	-		
Sample co	llected by	AA Representat	ive				
Date of sal		13/06/2024					
Duration C	)f sampling	24 hrs					
Reference				DI DUDI M	ONITOPINC		
		DAY& NIGH	T TIME NOIS	E LEVEL M	UNITORING		
Sr. No	Sampli	ng Location	Noise L dB(A)(D:		Noise Lo dB(A)(Nig		Leq*
			Max	Min	Max	Min	
	A la la Cata	TOID	69.8	67.3	60.2	57.5	63.15
I	Admin Gate	(Day Time)	0,10			75	
MPCBL	INIT In dB(A	) (Night Time)				70	
NOTE: *	dB(A) Leq der relatable to hur A "decibel" is	notes the time weigh nan hearing. a unit in which nois	se is measured.		asurement of no		which is

HIGH COD/TDS FACILITY: Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist, Palghar - 401506 (2): 8591159165 / 7304633868 E-mail : evaporationsystem@sadekarenviro.com • Websile : www.sadekarenviro.com



#### Form 4 See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

## FORM FOR FILING ANNUAL RETURNS

[ To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number	r	Submitted On:	Industry Type :	
MPCB-HW_ANNUAL_RETURN-00	000049022	29-06-2024	Generator	
Submitted for Year: 2024				
1. Name of the generator/op	perator of facility	Address of the unit/facility		
Galaxy Surfactants Ltd.		Galaxy Surfactants Ltd., Plot No. V-23, MIDC Taloja and Plot No. 1, Village Chal, Tal. Panvel, Dist.Raigad PIN no:- 410208		
1b. Authorization Number		Date of issue	Date of validity of consent	
Format 1.0/BO/CAC-cell/UAN No 0000157115/CR/2309002288	o. MPCB-Consent -	Sep 28, 2023	Feb 28, 2026	
2. Name of the authorised p	person	Full address of authorised person		
Avinash Shinde		Plot No. V-23, MIDC Taloja and Plot No. 1, Village Chal, Tal. Panvel, Dist.Raigad PIN no:- 410208		
Telephone	Fax	Email		

### 3.Production during the year (product wise), wherever applicable

022-27411702

9867965021

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Chemical ,Petrochemical &Electrochemical	Anionic Surfactants (on 100% AM basis) such as Fatty Alcohol Sulphate, Fatty Alcohol Ether Sulphates etc.	85680.0000	71464	MT/A
Chemical ,Petrochemical &Electrochemical	Ethylene Oxide Condensate	60000.0000	37755	MT/A
Chemical ,Petrochemical &Electrochemical	Cationic Surfactants (on 100% AM basis) such as Betains, Quaternary Ammonium Salts etc.	18240.0000	6546	MT/A
Chemical ,Petrochemical &Electrochemical	Sulphosuccinates	720.0000	00	MT/A
Chemical ,Petrochemical &Electrochemical	Surfactant Blends (on 100% AM basis) such as SYNDET Soap Granules/ Noodles, Sparkle Series etc.	15840.0000	2008	MT/A
Chemical ,Petrochemical &Electrochemical	Fatty Acid Esters, Fatty Alkanol Amides and Esterquates	20400.0000	6042	MT/A

Galaxy-V23@galaxysurfactants.com

## PART A: To be filled by hazardous waste generators

#### 1. Total Quantity of waste generated category wise

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	UOM
1.6 Spent catalyst and molecular sieves	NA	6.000	1.73	MTA
5.1 Used or spent oil	NA	6.000	2.6	KL/Anum
5.2 Wastes or residues containing oil	NA	1.000	1.8	KL/Anum
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	NA	24.000	14.35	KL/Anum
33.2 Contaminated cotton rags or other cleaning materials	NA	1.000	0.38	KL/Anum
35.1 Exhaust Air or Gas cleaning residue	NA	98.400	79.08	KL/Anum
35.3 Chemical sludge from waste water treatment	NA	108.000	61.18	KL/Anum
37.3 Concentration or evaporation residues	NA	180.000	111.77	KL/Anum
Other Hazardous Waste	Conc. Sulphuric Acid	1584.000	431.13	KL/Anum
Other Hazardous Waste	Sodium Sulphate	2160.000	374.089	KL/Anum
2. Quantity dispatched category wise.				
Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
1.6 Spent catalyst and molecular sieves	1.73	ΜΤΑ	Disposal Facility	Mumbai Waste Management Ltd.
5.1 Used or spent oil	2.6	MTA	Disposal Facility	Mumbai Waste Management Ltd
5.2 Wastes or residues containing oil	1.8	ΜΤΑ	Disposal Facility	Mumbai Waste Management Ltd
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	14.35	МТА	Disposal Facility	Mumbai Waste Management Ltd
33.2 Contaminated cotton rags or other cleaning materials	0.38	ΜΤΑ	Disposal Facility	Mumbai Waste Management Ltd
35.1 Exhaust Air or Gas cleaning residue	79.08	ΜΤΑ	Disposal Facility	Mumbai Waste Management Ltd
35.3 Chemical sludge from waste water treatment	61.18	ΜΤΑ	Disposal Facility	Mumbai Waste Management Ltd
37.3 Concentration or evaporation residues	111.77	ΜΤΑ	Disposal Facility	Mumbai Waste Management Ltd
Other Hazardous Waste	431.13	ΜΤΑ	Recycler or Actual user	Rama Krishi Rasayan
Other Hazardous Waste	374.089	МТА	Recycler or Actual user	Ansh Enterprises
3. Quantity Utilised in-house, If any				
Type of Waste	<b>Name of Waste</b> NA	<b>Quantity of Waste</b> 00	<b>UOM</b> MTA	
4. Quantity in storage at the end of the year				
Type of Waste	<b>Name of Waste</b> NA	<b>Quantity of Waste</b> 00	<b>UOM</b> MTA	

5. Quantity disposed in landfills as such and after treatment

<b>Type</b> Direct landfilling	<b>Quantity</b> NA	<b>UOM</b> KL/Anum
Landfill after treatment	NA	KL/Anum
6. Quantity incinerated (if applicable)	ИОМ	
NA	KL/Anum	

#### **Personal Details**

Place	Date	Designation
Taloja	2024-06-29	General Manager - SHE & Instrument

Maharashtra Pollution Control Board



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT\_STATEMENT-0000061698

### PART A

#### **Company Information**

Submitted Date

30-09-2023

<b>Company Name</b> Galaxy Surfactants Limited	Application UAN number UAN No.0000157115	
<b>Address</b> V-23 & Plot No.1, MIDC Taloja, Tal. Panvel, Dist. Raigad		
<b>Plot no</b> V-23 & 01	<b>Taluka</b> Panvel	<b>Village</b> Chal
<b>Capital Investment (In lakhs)</b> 33300.33	<b>Scale</b> LSI	<b>City</b> Panvel
<b>Pincode</b> 410208	<b>Person Name</b> Mr.DEEPAK DIVATE	<b>Designation</b> Factory Manager
<b>Telephone Number</b> 39215300	<b>Fax Number</b> 27411701	<b>Email</b> deepak.divate@galaxysurfactants.com
<b>Region</b> SRO-Taloja	<i>Industry Category</i> Red	<i>Industry Type</i> other
Last Environmental statement submitted online	Consent Number	Consent Issue Date
yes	Format1.0/CAC/UAN No.MPCBCONSENT- 0000157115/CR/2309002288	2023-09-28
Consent Valid Upto	Establishment Year	Date of last environment statement submitted
2026-02-28	1980	Sep 27 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information			
Product Name	<b>Consent Quantity</b>	Actual Quantity	UOM
Anionic surfactants (on 100% AM basis) such as Fatty Alcohol Sulphate, Fatty Alcohol ether sulphates etc.	85680	71381	MT/A
Ethylene Oxide Condensate	60000	34617	MT/A
Cationic Surfactants (on 100% AM basis) such as Betaine, Quaternary Ammonium Salts etc.	18240	5474	MT/A
Sulphosuccinates	720	0	MT/A
Surfactant blends (on 100% AM basis) such as Syndet Soap- Granules/Noodles, Sparkle series etc.	15840	1764	MT/A

Fatty Acid Esters, Fatty alkanol amides and esterquats	20400	5522	MT/A	
By-product Information By Product Name	Consent Quantity	Actual Qua	antitv	UOM
Concentrated Sulphuric Acid	1584	444.45	<b>,</b>	MT/A
Sodium Sulphate	2160	169.22		MT/A

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

1) Water Consumption in m3/day		
Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	320.00	170.58
Cooling	380.00	211.24
Domestic	65.00	34.00
All others	20.00	10.65
Total	785.00	426.47

2) Effluent Generation in CMD / MLD			
Particulars	<b>Consent Quantity</b>	Actual Quantity	UOM
Trade Effluent	184.00	153.00	CMD
Domestic Effluent	60.00	28.00	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	иом
Anionic surfactants (on 100% AM basis) such as Fatty Alcohol Sulphate, Fatty Alcohol ether sulphates etc.	0.0023	0.0023	CMD
Ethylene Oxide Condensate	0.0050	0.0049	CMD
Cationic Surfactants (on 100% AM basis) such as Betaine, Quaternary Ammonium Salts etc.	0.0259	0.0311	CMD
Sulphosuccinates	0	0	CMD
Surfactant blends (on 100% AM basis) such as Syndet Soap- Granules/Noodles, Sparkle series etc.	0.1020	0.0967	CMD
Fatty Acid Esters, Fatty alkanol amides and esterquats.	0.0272	0.030	CMD
Conc. Sulphuric Acid (By Product)	0.22	0.252	CMD
Sodium Sulphate 20-25 % solution , MT/ M (By Product)	0.177	0.5611	CMD

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

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Ethylene Oxide	0.265	0.272	MT/A
Caustic Lye	0.288	0.269	MT/A
Fatty Alcohol	0.630	0.641	MT/A
Sulphur	0.105	0.099	MT/A
CFA	0.428	0.467	MT/A
DMAPA	0.262	0.246	MT/A

MCA	0.242	0.228	MT/A
MEA	0.116	0.141	MT/A
MEG	0.063	0.051	MT/A
Stearic Acid	0.445	0.431	MT/A
Fatty Alcohol Ethoxylates	0.068	0.007	MT/A
Hydrogen Peroxide	0.001	0.001	MT/A
DMLA	0.0	0.0	MT/A
Starch	0.017	0.018	MT/A
Citric Acid	0.004	0.0043	MT/A
Cetostearyl Alcohol	0.118	0.107	MT/A
Ammonia	0.009	0.007	MT/A
Cetyl Alcohol (C16-95%)	0.0008	0.0	MT/A
Lauric Acid	0.0882	0.0829	MT/A
Maltodextrin	0.1518	0.1400	MT/A

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	6570	3846.062	MT/A
FO	6762.72	284.006	MT/A
HSD	1752	21.38	KL/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		
	Quantity	Concentration	%variation	Standard	Reason
рН	0	7.60	-	NA	ZLD
BOD	0	1.0		NA	ZLD
COD	0	14.00		NA	ZLD
Oil & Grease	0	0.2		NA	ZLD
Suspended Solids	0	5		NA	ZLD
Total Dissolved Solids	0	68		NA	ZLD
Sulphates	0	6.30		NA	ZLD
Chlorides	0	11.80		NA	ZLD
Total Ammonical Nitrogen	0	0.1		NA	ZLD
Total Kjeldhal Nitrogen	0	0.5		NA	ZLD
Sodium	0	1		NA	ZLD
Free Ammonia	0	0.1		NA	ZLD

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	
TPM - (S-6 MED)	0	15.2	89.86	150	Within MPCB norms
TPM - (S1 2.5 TPH)	0	56.8	62.13	150	Within MPCB norms
SO2 - (S1 2.5 TPH)	21.5	0	96.68	648	Within MPCB norms
TPM - (S2 5 TPH)	0	48.5	67.66	150	Within MPCB norms
SO2- (S2 5 TPH)	10.35	0	94.25	180	Within MPCB norms
TPM- (Thermopac)	0	54.7	63.53	150	Within MPCB norms
TPM- (SO2)	18.55	0	88.10	156	Within MPCB norms
TPM- (V-23 Scrubber No.1)	0	16.55	88.96	150	Within MPCB norms
TPM- (EOU Scrubber No.2)	0	15.8	89.46	150	Within MPCB norms
TPM - (D.G Set 1.9 MW)	0	60.8	59.46	150	Within MPCB norms
SO2 - (D.G Set 1.9 MW)	34.5	0	96.00	864	Within MPCB norms
TPM - (D.G Set 1000 KVA)	0	53.7	64.2	150	Within MPCB norms
SO2 - (D.G Set 1000 KVA)	10.85	0	88.69	96	Within MPCB norms

#### Part-D

HAZARDOUS WASTES 1) From Process			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	υом
5.1 Used or spent oil	5.04	3.57	MT/A
1.6 Spent catalyst and molecular sieves	2.42	2.15	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	13.03	13.34	MT/A
33.2 Contaminated cotton rags or other cleaning materials	0.11	0.54	MT/A
5.2 Wastes or residues containing oil	3.73	0.65	MT/A
Other Hazardous Waste	0	230.949	MT/A
Other Hazardous Waste	0	91.583	MT/A

2) From Pollution Control Facilities			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
37.2 Ash from incinerator and flue gas cleaning residue	82.71	74.2	MT/A
35.3 Chemical sludge from waste water treatment	71.36	76.34	MT/A
37.3 Concentration or evaporation residues	75.77	87.07	MT/A

#### Part-E

SOLID WASTES 1) From Process Non Hazardous Waste Type

Total During Previous Financial year	Total During Current Financial year	UOM
46.422	62.386	MT/A

Corrugated Box	0.13	0.15	MT/A
Broken Glass	1.45	2.67	MT/A
Used decontaminated drums	5705	6097	Nos./Y
Plastic/HDPE decontaminated bags	8.459	15.35	MT/A
Flexi bags	1271	1843	Nos./Y
Filter elements	0.0	0	Nos./Y
Wooden scrap	86.57	113.78	MT/A
Non contaminated Plastic	13.649	3.388	MT/A
Insulation Waste (LRB, PUF, Calcium Silicate, Nirrile rubber, Cerawool, Asbestos Rope, etc)	17.88	17.76	MT/A
Process Consumables (Silica gel, Ceramic, Alumina, etc.)	1.58	5.27	MT/A
Miscellanious waste (Tyre, V belt, Welding rod, etc)	0	1.27	MT/A

2) From Pollution Control Facilities			
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash (Coal Fired boiler)	413.48	401.19	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	CMD

## 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	
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Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	3.57	MT/A	Disposed to MWML
1.6 Spent catalyst and molecular sieves	2.15	MT/A	Disposed to MWML
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	13.34	MT/A	Disposed to MWML
33.2 Contaminated cotton rags or other cleaning materials	0.54	MT/A	Disposed to MWML
5.2 Wastes or residues containing oil	0.65	MT/A	Disposed to MWML
37.2 Ash from incinerator and flue gas cleaning residue	74.2	MT/A	Disposed to MWML
35.3 Chemical sludge from waste water treatment	76.34	MT/A	Disposed to MWML
37.3 Concentration or evaporation residues	87.07	MT/A	Disposed to MWML
Other Hazardous Waste	230.949	MT/A	Concentrated Sulphuric Acid (Sale toRecycler)
Other Hazardous Waste	91.583	MT/A	Sodium Sulphate (Sale to recycler)

2) Solid Waste			
Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Waste Paper/ paper bags	62.386	MT/A	100% Sale to authorized party
Corrugated Box	0.15	MT/A	100% Sale to authorized party

Broken Glass	2.67	MT/A	100% Sale to authorized party
Used decontaminated drums	6097	Nos./Y	100% Sale to authorized party
Plastic/HDPE decontaminated bags	15.35	MT/A	100% Sale to authorized party
Flexi bags	1843	Nos./Y	100% Sale to authorized party
Filter elements	0.0	Nos./Y	100% Sale to authorized party
Wooden scrap	113.78	MT/A	100% Sale to authorized party
Boiler Ash (Coal Fired boiler)	401.19	MT/A	100% Sale to authorized party
Non-contaminated Plastic	3.388	MT/A	100% Sale to authorized party
Insulation Waste (LRB, PUF, Calcium Silicate, Nirrile rubber, Cerawool, Asbestos Rope, etc)	17.76	MT/A	100% Sale to authorized party
Process Consumables (Silica gel, Ceramic, Alumina, etc.)	5.27	MT/A	100% Sale to authorized party
Miscellanious waste (Tyre, V belt, Welding rod, etc)	1.27	MT/A	100% Sale to authorized party

#### 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)
RO Plant Operation for ETP	130	0	0	0	45	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 Capital Investment** Measures (Lacks) ETP With ZLD SYSTEM NA 40 [B] Investment Proposed for next Year **Detail of measures for Environmental Protection Environmental Protection Capital Investment** Measures (Lacks)

200

O & M of pollution control system & compliance of consent conditions Air & Water abatement

#### Part-I

Any other particulars for improving the quality of the environment.

### Particulars

Planted 105 trees in plant premises

Name & Designation Mr.Deepak Divate - Factory Manager

UAN No: MPCB-ENVIRONMENT\_STATEMENT-0000061698

Submitted On: 30-09-2023