#### **Tier II Emergency and Hazardous Chemical Inventory**

Facility Name: Interplex Etch Logic Facility ID: 9472

Reporting Period Fron	n January 1, 2023 to Decembe	· 31, 2023					
☑ Annual ☐ Up	date 🗌 Revised 🗹 F	acility Information has ch	anged from the	last submission			
<b>Facility Identification</b>					Owner/Operator	· Details	
Facility ID: Facility Name: Maximum Occupants: Physical Location:	9472 Interplex Etch Logic 80 54 Venus Way, Attleboro, MA 02703	Lat/Long: Nature of Busine		1.928099/-71.314564 hemical Etching	Name: Address: Phone:	Interplex Etch Logic 54 Venus Way Attleboro, MA 02703, United 774-282-3439 Ema	States iil: Michael.Alves@us.interplex.com
County:	Bristol County	NAICS Code:	33	32812	Parent Company	y Details	
Fire Department: Phone: Manned Unma Email:	774-282-3439	SIC Code: Dun and Brad N EIN ID(Tax Num	3 <sup>2</sup> lo: 8 <sup>2</sup>	479, 3999 40597475 4-3462503	Name: Dun and Brad No Address: Phone:	Interplex Holdings Pte. Ltd. 298 Tiong Bahru Road, #17- Singapore, Singapore 16873 Ema	-0, Singapore
Outient to EDODA Out	.ti 040 /A						***
	ction 312 (Annual Inventory)?		☑ Yes ☐ No		THOMAS BAKER		
, , ,	Planning under Section 302 of E	PCRA (40 CFR part 355)?		☑ Yes ☐ No	Name: Title:	Environmental Health and S	afety Coordinator
Subject to Section 112r of Clean Air Act (CAA)?				☑ Yes ☐ No		774-282-3457	24 Hr.Phone: 508-981-7807
RMP Facility ID: Subject to EPCRA Sec	100000171486 ction 313 (Toxic Release Invento	ry - TRI)?		☑ Yes ☐ No	Email:	TOM.BAKER@US.INTERPL	EX.COM
TRI Facility ID:	02703TCHLG1840C						
Mailing Address					Facility Emerger	ncy Planning Coordinator	
Company Name: Attention: Street Address 1: Street Address 2: City:	Interplex Etch Logic 54 Venus Way Attleboro	State:	MA		Name: Title: Phone: Email:	Michael ALVES OPERATIONS MANAGER 774-282-3439 Michael.Alves@us.interplex.	24 Hr.Phone: 401-332-9986
Zip:	02703	Phone:	774-282-3449	)	Liliali.	wichaer.Aives@us.interplex.	COIT
Country:	United States						
<b>Emergency Contacts</b>							
Name		Title		Phone	24 Hr.F	Phone Ema	il
MARK BOWDEN		GENERAL MANAGER		774-282-3467	401-37	'4-4752 MAR	K.BOWDEN@US.INTERPLEX.COM
THOMAS BAKER		Environmemtal Health and Coordinator	Safety	774-282-3457	508-98	31-7807 TOM	.BAKER@US.INTERPLEX.COM
inquiry of those individ	nder penalty of law that I have p uals responsible for obtaining th	e information, I believe that	curate and complete.		Optional Attachments  Site Plan		
			1/30/2024 12:		282-3457	THOMAS BAKER	Site Coordinate Abbreviations
Name and official title of owner/operator or authorized representative			Date Signed	Telep	phone Number	Signature	Other Safeguard measures
							Facility Emergency Response Plan

Chemical Description		zards		Health Hazards				
Chemical ID: 235818 Check if Chemical Information is  ✓	☐ Combustible of	dust		☑ Acute	e toxicity (any route	e of exposure)		
changed from the last submission:	☑ Corrosive to r	netal		☑ Aspir	ation hazard			
<b>CAS #</b> : 7782-50-5 Trade Secret:	☑ Explosive			☐ Carci	inogenicity			
Trade Secret:  Chemical Name:  Chlorine	I ·	ases, aerosols,	liquids, or solids)	☐ Germ	n cell mutagenicity			
EHS: Contains EHS: Exceeds TPQ:	☑ Gas under pre		,	☐ Haza	rd Not Otherwise (	Classified (HNOC)		
EHS Name: Chlorine	☐ Hazard Not O	therwise Classi	fied (HNOC)	☐ Repr	oductive toxicity			
☑ Pure ☐ Mix ☐ Solid ☑ Liquid ☑ Gas	☐ In contact with	n water emits fla	ammable gas	☑ Resp	iratory or skin sen	sitization		
Chemical Added On:	☐ Organic perox	kide		☑ Serio	ous eye damage or	eye irritation		
Check if the chemical is below reporting threshold:	☑ Oxidizer (liqui	d, solid or gas)		☐ Simp	le asphyxiant			
reporting threshold.	☐ Pyrophoric (lic	quid or solid)		☑ Skin	corrosion or irritati	on		
	☐ Pyrophoric ga	IS		☑ Spec	ific target organ to	xicity (single or repeated		
	☐ Self-heating			exposure	exposure)			
	☐ Self-reactive	☐ Self-reactive						
Inventory		Storage Codes & Location						
Max Daily Amt (lbs): 16000	Container Type	Pressure	Temperature		Description	Max Amt At		
Max Daily Amt Code: 06	[L]Cylinder	[2]Greater	[4]Ambient	Location CHLORINE	NEXT TO ETCH	Location(lbs)		
Avg Daily Amt (lbs): 8000	[E]Oyao.	than ambient	temperature	BUILDING	LOGIC PLANT			
Avg Daily Amt Code: 05	[L]Cylinder	pressure [2]Greater	[4]Ambient	BUIDLING 1	BUILDING 2 NEXT TO NEW	8000		
Max Amt in Largest Container (lbs):	[E]Oyiiiidoi	than ambient	temperature	BOIDEII (O 1	ETCH LINE IN			
No of days onsite: 365		pressure			BUILDING 1			
	SHIPM	ENT DETAILS						
Shipment Frequency Count: 26 Maximum Shipment Frequency Period: Year One Time	Annual Shipment	/ at 8000 154000 I 95 SOU	8000 154000 I 95 SOUTH TO US1A, LEFT ON COTTAGE ST, RIGHT		JONES CH 40 RAILRO MERRIMAG e: 603-424-72 f 603-424-72	AD AVE, CK, NH 03054- 117		

Chemical Description		Physical Ha	zards	He	Health Hazards			
Chemical ID: 235823 Check if Chemical Information is   ✓	☐ Combust	tible dust		☑ Acute toxicity (any rou	ute of exposure)			
Check if Chemical Information is changed from the last submission:	☑ Corrosiv	e to metal		☐ Aspiration hazard				
CAS #: 7447-39-4 Trade Secret: □	☐ Explosive	Э		☐ Carcinogenicity				
Trade Secret:  Chemical Name:  CUPRIC CHLORIDE	☐ Flammat	ole (gases, aerosols	, liquids, or solids)	☐ Germ cell mutagenicity				
EHS: Contains EHS: Exceeds TPQ:	☐ Gas und		,	☐ Hazard Not Otherwise	e Classified (HNOC)			
EHS Name:	☐ Hazard N	Not Otherwise Class	ified (HNOC)	☐ Reproductive toxicity				
☐ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas MSDS	☐ In contac	ct with water emits fl	ammable gas	☐ Respiratory or skin se	ensitization			
/SDS Chemical Added On:	☐ Organic	peroxide	-	☑ Serious eye damage	or eye irritation			
Check if the chemical is below	☑ Oxidizer	(liquid, solid or gas)	)	☐ Simple asphyxiant				
reporting threshold:	☐ Pyrophoi	ric (liquid or solid)		☑ Skin corrosion or irrita	ation			
	☐ Pyrophoi	ric gas		☐ Specific target organ	toxicity (single or repeated			
	☐ Self-heat	ting		exposure)				
	☐ Self-read	tive						
Inventory		Storage Codes & Location						
Max Daily Amt (lbs): 10260	Container 1	Type Pressure	Temperature	Storage Description	Max Amt At			
Max Daily Amt Code: 06	[C]Tank insid	de [1]Ambient	[4]Ambient	TANK FARM BULK	Location(lbs)			
Avg Daily Amt (lbs): 10260	building	pressure	temperature	IN BUILDING CHEMICAL				
Avg Daily Amt Code: 06				2 STORAGE AREA IN				
Max Amt in Largest Container (lbs): 10260				BUILDING 2				
No of days onsite: 365								
		HIPMENT DETAILS						
Shipment Frequency Count: 0 Maximur Shipment Frequency Period: One Tim	Annual Shipme	antity at		1900				
	MIXT	TURE COMPONEN	TS					
Chemical Name % CAS #	EHS	EHS Name			Max Daily Amount Code			
CUPRIC CHLORIDE         50         7447-39-4				5130	05			

Chemical Description	Physical Hazards				Health Hazards			
Chemical ID: 235819 Check if Chemical Information is   ✓	☐ Combustible				e toxicity (any route	e of exposure)		
changed from the last submission:  CAS #: 7705-08-0		Corrosive to metal				Aspiration hazard		
Trade Secret:	☐ Explosive				inogenicity			
Chemical Name: Ferric chloride	☐ Flammable (g	jases, aerosols,	liquids, or solids)		n cell mutagenicity			
EHS:   Contains EHS:   Exceeds TPQ:	☐ Gas under pr	essure		☐ Haza	rd Not Otherwise (	Classified (HNOC)		
EHS Name:	☐ Hazard Not C	therwise Classi	fied (HNOC)	☐ Repr	oductive toxicity			
☐ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas	☐ In contact wit	h water emits fla	ammable gas	☐ Resp	iratory or skin sen	sitization		
Chemical Added On:	☐ Organic pero	xide		☑ Serio	ous eye damage or	eye irritation		
Check if the chemical is below reporting threshold:	☑ Oxidizer (liquid, solid or gas)				le asphyxiant			
reporting unestroid.	☐ Pyrophoric (li	quid or solid)		☑ Skin	corrosion or irritati	on		
	☐ Pyrophoric ga	as		☐ Spec	ific target organ to	xicity (single or repeated		
	☐ Self-heating			exposure	e)			
	☐ Self-reactive							
Inventory			Storage	Codes & Loc	cation			
Max Daily Amt (lbs): 267378	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)		
Max Daily Amt Code: 10	[C]Tank inside	[1]Ambient	[5]Greater than	Etch line	Schmid Etch	7410		
Avg Daily Amt (lbs): 144804	building	pressure	ambient	process	tanks in Building			
Avg Daily Amt Code: 10			temperature	Tanks in Building 1	1			
Max Amt in Largest Container (lbs): 74100	[C]Tank inside	[1]Ambient	[4]Ambient	TANK FARM		133998		
No of days onsite: 365	building	pressure	temperature	IN BUILDING 2	STORAGE			
				_	AREA IN			
	[C]Tank inside	[1]Ambient	[5]Greater than	ETCH ROOM	BUILDING 2	14820		
	building	pressure	ambient	in Buidling 2	PROCESSING	14020		
			temperature		TANKS IN			
	[C]Tank inside	[1]Ambient	[4]Ambient	TANK FARM	BUILDING 2 BULK	111150		
	building	pressure	temperature	IN BUILDING	CHEMICAL			
				1	STORAGE AREA IN			
					BUILDING 1			

			SH	IPMENT DETAIL	S					
Mode of Shipment: Shipment Frequency Count: Shipment Frequency Period: Physical State In Transit:	Trucks, Tank Trucks 20 Year Liquid	Maximum One Time	: Annual Shipmer	ntity at 17160 nt 108190 I 95 NO ON CO	RTH TO US1A, LEFT TTAGE ST, RIGHT ON NUS WAY	Carrier F Carrier 2 Phone:	Carrier Address:       1 RIVERSIDE WAY, PHILLIPSBURG, NJ 08865-         Carrier Phone:       908-735-5458         Carrier 24 Hr       908-735-5458			
			MIXTU	URE COMPONE	NTS					
Chemical Name	%	CAS#	EHS	EHS Name			Max Daily Amount (lbs)	Max Daily Amount Code		
Ferric chloride	47	7705-08-0					125667.66	10		
Char	nical Description			Physical H	lozordo			ealth Hazards		
Chemical ID:	235821			•	iazaius					
Check if Chemical Information is changed from the last submissing CAS #: Trade Secret: Chemical Name: EHS: Contains EHS Name:	Check if Chemical Information is changed from the last submission:  CAS #: 7647-01-0  Trade Secret:				□ Combustible dust       □ Acute toxicity (any route of exposure)         □ Corrosive to metal       □ Aspiration hazard         □ Explosive       □ Carcinogenicity         □ Flammable (gases, aerosols, liquids, or solids)       □ Germ cell mutagenicity         □ Gas under pressure       □ Hazard Not Otherwise Classified (HNOC)         □ In contact with water emits flammable gas       □ Reproductive toxicity         □ Organic peroxide       □ Serious eye damage or eye irritation         □ Oxidizer (liquid, solid or gas)       □ Simple asphyxiant         □ Pyrophoric (liquid or solid)       □ Specific target organ toxicity (single of exposure)					
	Inventory				Storag	e Codes &	Location			
Max Daily Amt (lbs): 28000 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 14000			Container Ty [C]Tank inside building		Temperature [4]Ambient temperature			Max Amt At Location(lbs) 14000		
Avg Daily Amt Code: 06  Max Amt in Largest Container (lbs): 14000  No of days onsite: 365			[C]Tank inside building	e [1]Ambient pressure	[4]Ambient temperature	TANK FA	RM New Tank Fari	m 14000		

		SHIPMENT	DETAILS		
Mode of Shipment:	Tank Trucks	Maximum Capacity Per Vessel:		Carrier:	PVS MINI BULK
Shipment Frequency Count:	18	Maximum Shipment Quantity at	7779	Carrier Address:	10900 HARPER AVE,
Shipment Frequency Period:	Year	One Time:			DETROIT, MI 48213-
Physical State In Transit:	Liquid	Average Annual Shipment	99599	Carrier Phone:	888-711-3445
		Quantity:		Carrier 24 Hr	888-711-3445
		Routes of Travel:	,	Phone:	
			ON COTTAGE ST, RIGHT ON		
			TO VENUS WAY		

Chemical Description		Physical Haz	zards		Health Hazards		
Chemical ID: 235824 Check if Chemical Information is   ✓	☐ Combustible of	dust			oxicity (any route of exposure)		
changed from the last submission:	☐ Corrosive to n	netal		☐ Aspiration	on hazard		
<b>CAS #</b> : 584-08-7 Trade Secret:  □	☐ Explosive			☐ Carcino	· ,		
Chemical Name: Potassium Carbonate	🛘 Flammable (g	ases, aerosols,	liquids, or solids)	☐ Germ ce	ell mutagenicity		
EHS: Contains EHS: Exceeds TPQ:	☐ Gas under pre	essure		☐ Hazard	Not Otherwise Classified (HNOC)		
EHS Name:	☐ Hazard Not O	therwise Classi	fied (HNOC)	☐ Reprodu	uctive toxicity		
☐ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas MSDS/SDS	☐ In contact with	n water emits fla	ammable gas	☑ Respira	atory or skin sensitization		
Chemical Added On:	☐ Organic perox	ide		✓ Serious	s eye damage or eye irritation		
Check if the chemical is below  ☑	Oxidizer (liqui	d, solid or gas)		☐ Simple a	☐ Simple asphyxiant		
reporting threshold:	☐ Pyrophoric (lid	quid or solid)		☑ Skin co	☑ Skin corrosion or irritation		
	☐ Pyrophoric ga	s		☐ Specific	c target organ toxicity (single or repea	ated	
	☐ Self-heating			exposure)			
	☐ Self-reactive						
Inventory	Storage Codes & Location						
Max Daily Amt (lbs): 3900	Container Type	Pressure	Temperature		escription Max Amt At		
Max Daily Amt Code: 04	[I][ib a n alm ma	[4] A b t	[4] A l- i 4	Location	Location(lbs)		
Avg Daily Amt (lbs): 2600	[I]Fiber drum	[1]Ambient pressure	[4]Ambient temperature	ETCH ROOM IN BUILDING	650		
Avg Daily Amt Code: 04	[I]Fiber drum	[1]Ambient	[4]Ambient	2 Waste	2600		
Max Amt in Largest Container (lbs): 650	lijribei didili	pressure	temperature	treatment	2000		
, ,				area in			
No of days onsite: 365				building 2			
	[I]Fiber drum	[1]Ambient	[4]Ambient	Etch Room in	650		
		pressure	temperature	Building 1			

#### **Tier II Emergency and Hazardous Chemical Inventory**

Facility Name: Interplex Etch Logic Facility ID: 9472
Reporting Period From January 1, 2023 to December 31, 2023

				SHI	PMENT DETAILS	i				
Shipment Frequency Count: 34 Maximum Shipment Frequency Period: Year One Time				Annual Shipment 52000				Carrier: Astro Chemicals, Inc. Carrier Address: 126 Memorial Drive, Springfield, MA 01104 Carrier Phone: 413-781-7240 Carrier 24 Hr 413-781-7240 Phone:		
				MIXTU	JRE COMPONEN	TS				
Chemical Name		%	CAS#	EHS	EHS Name			Max Daily Amount (lbs)	Max Daily Amount Code	
Potassium Carbonate		42.5	584-08-7					1657.5	04	
Chan	nical Description				Physical Ha	zarde		LI,	ealth Hazards	
	•			1_	-	izaius	[7]			
Chemical ID: 235820 Check if Chemical Information is changed from the last submission:  CAS #: 1310-73-2 Trade Secret:   Chemical Name: Sodium hydroxide EHS: Contains EHS: Exceeds TPQ: EHS Name: Pure Mix Solid Liquid Gas Chemical Added On: Check if the chemical is below reporting threshold:				Gas under Hazard No In contact Organic pe	to metal e (gases, aerosols pressure of Otherwise Class with water emits feroxide iquid, solid or gas e (liquid or solid) e gas	ammable gas		Reproductive toxicity Respiratory or skin s Serious eye damage Simple asphyxiant Skin corrosion or irrit	ity e Classified (HNOC) ensitization or eye irritation	eated
	Inventory					Storag	e Codes 8	& Location		
Max Daily Amt (lbs): 33273				Container Ty	pe Pressure	Temperature	Storag		Max Amt At	
Max Daily Amt Code: 07 Avg Daily Amt (lbs): 16636			[I]Fiber drum	[1]Ambient pressure	[4]Ambient temperature	next to Scrubber building	out side etch r in room in buildin	Location(lbs) 680		
Avg Daily Amt Code: 06				[I]Fiber drum	[1]Ambient	[4]Ambient	Etch line		680	
Max Amt in Largest Container (lbs): No of days onsite: 365				[I]Fiber drum	pressure [1]Ambient pressure	temperature [4]Ambient temperature	building Boiler Ro		680	

Sodium hydroxide		50	1310-73-2				166	36.5	06
Chemical Name		%	CAS#	EHS E	HS Name				Max Daily Amount Code
				MIXTURI	E COMPONEN	TS			
Physical State In Transit:	Liquid			nnual Shipment Travel:	Carrier Phor Carrier 24 H Phone: N	ne: 888-711-3	3445		
Mode of Shipment: Shipment Frequency Count: Shipment Frequency Period:	Tank Trucks 18 Year	Tank Trucks Maximum Capacity Per Vessel: 25000 Carrier: PVS MINI BULK 18 Maximum Shipment Quantity at 10144 Carrier Address: 10900 HARPER							
				SHIPM	IENT DETAILS		-1	1	
				[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	TANK FARM IN BUILDING 1		19153
				[A]Above ground tank	pressure	[4]Ambient temperature	IN BUIDLING 2	Tank behind Etc Line	
				[A]Above ground tank	pressure	[4]Ambient temperature	Wastewater Treatment in building 2		7400
				[R]Other Desc: chlorine room scrubber	[1]Ambient pressure	[4]Ambient temperature	CHLORINE BUILDING	next to building	

Chemic	cal Description		zards		Health Hazards		
Chemical ID: Check if Chemical Information is changed from the last submission CAS #:	235822 ☑ : <b>7664-93-9</b>	☐ Combustible of ☐ Corrosive to r☐ Explosive			☐ Aspira	toxicity (any rout ation hazard nogenicity	e of exposure)
Trade Secret: Chemical Name:	☐ Sulfuric acid		ases, aerosols,	liquids, or solids)		cell mutagenicity	
EHS: 🔽 Contains E		☐ Gas under pre	essure		☐ Haza	rd Not Otherwise	Classified (HNOC)
EHS Name: Sulfuric acid		☐ Hazard Not O	☐ Hazard Not Otherwise Classified (HNOC)			oductive toxicity	
☑ Pure ☐ Mix ☐ Solid ☑	☑ Liquid ☐ Gas	☐ In contact with	n water emits fla	ammable gas	☑ Resp	iratory or skin sen	sitization
Chemical Added On:		☐ Organic perox	kide		☑ Serio	us eye damage o	r eye irritation
Check if the chemical is below reporting threshold:		☐ Oxidizer (liqui	d, solid or gas)		☐ Simp	e asphyxiant	
reporting uncorioid.	☐ Pyrophoric (liquid or solid)				corrosion or irritat	ion	
	☐ Pyrophoric ga	IS		☐ Spec	fic target organ to	exicity (single or repeated	
	☑ Self-heating			exposure	exposure)		
		☐ Self-reactive	☐ Self-reactive				
Ir	nventory			Storage	Codes & Loc	ation	
Max Daily Amt (lbs): 15471		Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
Max Daily Amt Code: 06		[C]Tank inside	[1]Ambient	[4]Ambient	Wastewater		6500
Avg Daily Amt (lbs): 7736		building	pressure	temperature	Treatment in building 2		
Avg Daily Amt Code: 05		[C]Tank inside	[1]Ambient	[4]Ambient	TANK FARM		8971
Max Amt in Largest Container (lbs)	):	building	pressure	temperature	IN BUILDING		
No of days onsite: 356					I		
			ENT DETAILS				
Mode of Shipment: Shipment Frequency Count: Shipment Frequency Period: Physical State In Transit:	Capacity Per Vessel: 23000 Shipment Quantity at 5218 Capacity Per Vessel: 5218 Capacity Per Vessel: 5218 Capacity Per Vessel: 39219 Capacity Per Vessel: 23000 Capacity Per Vessel: 230			Carrier: PVS MINI BULK Carrier Address: 10900 HARPER AVE, DETROIT, MI 48213- Carrier Phone: 888-711-3445 Carrier 24 Hr 888-711-3445			
	Travol.	ON TO C	OTTAGE ST, RIGHT ENUS WAY	Phone:			

	Chemical Amount Range Code & Description							
#	Code	Amount Range						
1	01	[01] 0-99						
2	02	[02] 100-499						
3	03	[03] 500-999						
4	04	[04] 1,000-4,999						
5	05	[05] 5,000-9,999						
6	06	[06] 10,000-24,999						
7	07	[07] 25,000-49,999						
8	08	[08] 50,000-74,999						
9	09	[09] 75,000-99,999						
10	10	[10] 100,000-499,999						
11	11	[11] 500,000-999,999						
12	12	[12] 1,000,000-9,999,999						
13	13	[13] 10,000,000- Greater than 10 million						