

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Interplex Etch Logic Facility ID: 9472

Reporting Period From January 1, 2019 to December 31, 2019

Annual  Update  Revised  Facility Information has changed from the last submission

<b>Facility Identification</b> Facility ID: 9472 Facility Name: Interplex Etch Logic Maximum Occupants: 85 Physical Location: 54 Venus Way, Attleboro, MA 02703 County: Bristol County Fire Department: 508-399-6810 x 3468 Phone: <input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned Email: Michael.Alves@us.interplex.com Subject to EPCRA Section 312 (Annual Inventory)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Subject to Section 112r of Clean Air Act (CAA)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No RMP Facility ID: 100000171486 Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No TRI Facility ID: 02703TCHLG1840C		<b>Owner/Operator Details</b> Name: Interplex Etch Logic Address: 54 Venus Way, Attleboro, MA 02703, United States Phone: 508-399-6810 Email: Michael.Alves@us.interplex.com <b>Parent Company Details</b> Name: Dun and Brad No: 840597475 Address: MA, United States Phone:																
<b>Mailing Address</b> Company Name: Interplex Etch Logic Attention: 54 Venus Way Street Address 1: Attleboro City: 02703 Zip: United States State: MA Phone: 508-399-6810 x 3449		<b>Tier II Information Contact</b> Name: THOMAS BAKER Title: WASTE TREATMENT OPERATOR Phone: 508-399-6810 Email: TOM.BAKER@US.INTERPLEX.COM 24 Hr. Phone: 508-981-7807																
<b>Facility Emergency Planning Coordinator</b> Name: Michael ALVES Title: OPERATIONS MANAGER Phone: 508-399-6810 Email: Michael.Alves@us.interplex.com 24 Hr. Phone: 401-332-9986																		
<b>Emergency Contacts</b>																		
<table border="1"> <thead> <tr> <th>Name</th> <th>Title</th> <th>Phone</th> <th>24 Hr. Phone</th> <th>Email</th> </tr> </thead> <tbody> <tr> <td>MARK BOWDEN</td> <td>GENERAL MANAGER</td> <td>508-399-6810</td> <td>401-374-4752</td> <td>MARK.BOWDEN@US.INTERPLEX.COM</td> </tr> <tr> <td>THOMAS BAKER</td> <td>WASTE TREATMENT OPERATOR</td> <td>508-399-6810</td> <td>508-981-7807</td> <td>TOM.BAKER@US.INTERPLEX.COM</td> </tr> </tbody> </table>		Name	Title	Phone	24 Hr. Phone	Email	MARK BOWDEN	GENERAL MANAGER	508-399-6810	401-374-4752	MARK.BOWDEN@US.INTERPLEX.COM	THOMAS BAKER	WASTE TREATMENT OPERATOR	508-399-6810	508-981-7807	TOM.BAKER@US.INTERPLEX.COM		
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THOMAS BAKER	WASTE TREATMENT OPERATOR	508-399-6810	508-981-7807	TOM.BAKER@US.INTERPLEX.COM														
Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 9, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. Jun Li, Senior Process Engineer Name and official title of owner/operator or authorized representative: _____ Date Signed: 2/4/2020 9:22:00 AM Telephone Number: 508-399-6810 Signature: _____																		
<input checked="" type="checkbox"/> Optional Attachments <input checked="" type="checkbox"/> Site Plan <input type="checkbox"/> Site Coordinate Abbreviations <input checked="" type="checkbox"/> Other Safeguard measures <input checked="" type="checkbox"/> Facility Emergency Response Plan																		

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Interplex Etch Logic Facility ID: 9472  
 Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards												
Chemical ID: 156945 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7782-50-5 Trade Secret: <input type="checkbox"/> Chemical Name: Chlorine EHS: <input checked="" type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPO: <input checked="" type="checkbox"/> EHS Name: Chlorine <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas Chemical Added On: <input type="checkbox"/> Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input checked="" type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input checked="" type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)												
<b>Inventory</b>														
Max Daily Amt (lbs): 8000 Max Daily Amt Code: 05 Avg Daily Amt (lbs): 6000 Avg Daily Amt Code: 05 Max Amt in Largest Container (lbs): No of days onsite: 365	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">Container Type</th> <th style="width:20%;">Pressure</th> <th style="width:20%;">Temperature</th> <th style="width:20%;">Storage Location</th> <th style="width:20%;">Description</th> <th style="width:20%;">Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[L]Cylinder</td> <td>[2]Greater than ambient pressure</td> <td>[4]Ambient temperature</td> <td>CHLORINE BUILDING</td> <td>NEXT TO ETCH LOGIC PLANT</td> <td>8000</td> </tr> </tbody> </table>		Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[L]Cylinder	[2]Greater than ambient pressure	[4]Ambient temperature	CHLORINE BUILDING	NEXT TO ETCH LOGIC PLANT	8000
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)									
[L]Cylinder	[2]Greater than ambient pressure	[4]Ambient temperature	CHLORINE BUILDING	NEXT TO ETCH LOGIC PLANT	8000									
<b>SHIPMENT DETAILS</b>														
Mode of Shipment: Trucks Shipment Frequency Count: 19 Shipment Frequency Period: Year Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 2000 Maximum Shipment Quantity at One Time: Average Annual Shipment Quantity: Routes of Travel:	Carrier: JONES CHEMICAL Carrier Address: 40 RAILROAD AVE, MERRIMACK, NH 03054-603-424-7217 Carrier Phone: 603-424-7217 Carrier 24 Hr Phone: 603-424-7217												
I 95 SOUTH TO US1A, LEFT ON COTTAGE ST, RIGHT ONTO VENUS WAY														

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Interplex Ech Logic Facility ID: 9472  
 Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 156950 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7447-39-4 Trade Secret: <input type="checkbox"/> Chemical Name: CUPRIC CHLORIDE EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPC: <input type="checkbox"/> EHS Name: _____ <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <u>MSDS</u> Chemical Added On: _____ Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input checked="" type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location												
Max Daily Amt (lbs): 21000 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 14380 Avg Daily Amt Code: 06 Max Amt in Largest Container (lbs): 14380 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location (lbs)</th> </tr> </thead> <tbody> <tr> <td>[O]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>TANK FARM</td> <td>BULK CHEMICAL STORAGE AREA</td> <td>21000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location (lbs)	[O]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	TANK FARM	BULK CHEMICAL STORAGE AREA	21000
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location (lbs)								
[O]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	TANK FARM	BULK CHEMICAL STORAGE AREA	21000								

**SHIPMENT DETAILS**

Mode of Shipment: Tank Trucks	Maximum Capacity Per Vessel: 14380	Carrier: ENVIRTE OF PENNSYLVANIA
Shipment Frequency Count: 0	Maximum Shipment Quantity at One Time: _____	Carrier Address: 730 VOLGLESONG RD, YORK, PA 17404-
Shipment Frequency Period: Year	Average Annual Shipment Quantity: _____	Carrier Phone: 717-846-1900
Physical State In Transit: Liquid	Routes of Travel: _____	Carrier 24 Hr Phone: 717-846-1900

195 TO US1A, LEFT ON COTTAGE ST, BECOMES COUNTY ST, RIGHT ONTO VENUS WAY.

**MIXTURE COMPONENTS**

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
CUPRIC CHLORIDE	50	7447-39-4	<input type="checkbox"/>		10500	06

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Interplex Etch Logic Facility ID: 9472  
 Reporting Period From January 1, 2019 to December 31, 2019

<p>Chemical ID: 156946          Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/>          CAS #: 7705-08-0          Trade Secret: <input type="checkbox"/>          Chemical Name: Ferric chloride          EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/>          EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas          Chemical Added On: <input type="checkbox"/>          Check if the chemical is below reporting threshold: <input type="checkbox"/></p>	<p><input type="checkbox"/> Combustible dust  <input checked="" type="checkbox"/> Corrosive to metal  <input type="checkbox"/> Explosive  <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids)  <input type="checkbox"/> Gas under pressure  <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC)  <input type="checkbox"/> In contact with water emits flammable gas  <input type="checkbox"/> Organic peroxide  <input checked="" type="checkbox"/> Oxidizer (liquid, solid or gas)  <input type="checkbox"/> Pyrophoric (liquid or solid)  <input type="checkbox"/> Pyrophoric gas  <input type="checkbox"/> Self-heating  <input type="checkbox"/> Self-reactive</p>	<p><input checked="" type="checkbox"/> Acute toxicity (any route of exposure)  <input type="checkbox"/> Aspiration hazard  <input type="checkbox"/> Carcinogenicity  <input type="checkbox"/> Germ cell mutagenicity  <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC)  <input type="checkbox"/> Reproductive toxicity  <input type="checkbox"/> Respiratory or skin sensitization  <input checked="" type="checkbox"/> Serious eye damage or eye irritation  <input type="checkbox"/> Simple asphyxiant  <input checked="" type="checkbox"/> Skin corrosion or irritation  <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)</p>
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Inventory		Storage Codes & Location	
Max Daily Amt (lbs): 175000 Max Daily Amt Code: 10 Avg Daily Amt (lbs): 175000 Avg Daily Amt Code: 10 Max Amt in Largest Container (lbs): 112500 No of days onsite: 365	Container Type	Pressure	Temperature
	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature
	[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature
	Storage Location	Description	Max Amt At Location(lbs)
	TANK FARM	BULK CHEMICAL STORAGE AREA	112500
	ETCH ROOM	ETCH LINE PROCESSING TANKS	62500

**SHIPMENT DETAILS**

Mode of Shipment: Trucks, Tank Trucks  
 Shipment Frequency Count: 25  
 Shipment Frequency Period: Year  
 Physical State In Transit: Liquid

Maximum Capacity Per Vessel: 30000  
 Maximum Shipment Quantity at One Time: 20260  
 Average Annual Shipment: 129600  
 Quantity: 1  
 Routes of Travel: 1 95 NORTH TO US1A, LEFT ON COTTAGE ST, RIGHT ON TO VENUS WAY

Carrier: GULBRANDSEN  
 Carrier Address: 1 RIVERSIDE WAY, PHILLIPSBURG, NJ 08865-908-735-5458  
 Carrier Phone: 908-735-5458  
 Carrier 24 Hr Phone: 908-735-5458

MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Ferric chloride	47	7705-08-0	<input type="checkbox"/>		82250	09

**Tier II Emergency and Hazardous Chemical Inventory**  
 Facility Name: Interplex Etch Logic Facility ID: 9472  
 Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards												
Chemical ID: 156948 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7647-01-0 Trade Secret: <input type="checkbox"/> Chemical Name: Hydrochloric acid EHS: <input checked="" type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: Hydrogen chloride (gas only) <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added Or: <input type="checkbox"/> Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)												
<b>Inventory</b>	<b>Storage Codes &amp; Location</b>													
Max Daily Amt (lbs): 14000 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 7149 Avg Daily Amt Code: 05 Max Amt in Largest Container (lbs): 14000 No of days onsite: 365	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location (lbs)</th> </tr> </thead> <tbody> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>TANK FARM</td> <td></td> <td>14000</td> </tr> </tbody> </table>		Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location (lbs)	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	TANK FARM		14000
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location (lbs)									
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	TANK FARM		14000									
<b>SHIPMENT DETAILS</b>														
Mode of Shipment: Tank Trucks Shipment Frequency Count: 16 Shipment Frequency Period: Year Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 20400 Maximum Shipment Quantity at One Time: 9273 Average Annual Shipment Quantity: 114382 Routes of Travel: 196 SOUTH TO US1A, LEFT ON COTTAGE ST, RIGHT ON TO VENUS WAY	Carrier: PVS MINI BULK Carrier Address: 10900 HAPPER AVE, DETROIT, MI 48213-888-711-3445 Carrier Phone: 888-711-3445 Carrier 24 Hr Phone: 888-711-3445												

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Interplex Etch Logic Facility ID: 9472  
 Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 156951 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 584-08-7 Trade Secret: <input type="checkbox"/> Chemical Name: Potassium Carbonate EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPO: <input type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> MSDS <input type="checkbox"/> MSDS <input type="checkbox"/> SDS Chemical Added On: <input type="checkbox"/> Check if the chemical is below reporting threshold: <input checked="" type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location																		
Max Daily Amt (lbs): 2600 Max Daily Amt Code: 04 Avg Daily Amt (lbs): 1950 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): 650 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[ ]Fiber drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>ETCH ROOM</td> <td></td> <td>650</td> </tr> <tr> <td>[ ]Fiber drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Waste treatment area</td> <td></td> <td>2600</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[ ]Fiber drum	[1]Ambient pressure	[4]Ambient temperature	ETCH ROOM		650	[ ]Fiber drum	[1]Ambient pressure	[4]Ambient temperature	Waste treatment area		2600
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)														
[ ]Fiber drum	[1]Ambient pressure	[4]Ambient temperature	ETCH ROOM		650														
[ ]Fiber drum	[1]Ambient pressure	[4]Ambient temperature	Waste treatment area		2600														

**SHIPMENT DETAILS**

Mode of Shipment: Trucks	Trucks	Maximum Capacity Per Vessel: 2600	Carrier: Astro Chemicals, Inc.
Shipment Frequency Count: 34	Year	Maximum Shipment Quantity at One Time: 50050	Carrier Address: 126 Memorial Drive, Springfield, MA 01104
Shipment Frequency Period: Liquid	Year	Average Annual Shipment: 50050	Carrier Phone: 413-781-7240
Physical State In Transit: Liquid	Year	Routes of Travel: Via 190E and 1495S and 195 south	Carrier 24 Hr Phone: 413-781-7240

**MIXTURE COMPONENTS**

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Potassium Carbonate	42.5	584-08-7	<input type="checkbox"/>		1105	04

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Interplex Etch Logic Facility ID: 9472  
 Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 158947 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 1310-73-2 Trade Secret: <input type="checkbox"/> Chemical Name: Sodium hydroxide EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPC: <input type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: <input type="checkbox"/> Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory		Storage Codes & Location			
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
[R]Other Desc: Etch Room Scrubber	[1]Ambient pressure	[4]Ambient temperature	Boiler Room		680
[R]Other Desc: chlorine room scrubber	[1]Ambient pressure	[4]Ambient temperature	CHLORINE BUILDING		680
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Wastewater Treatment		7400
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	ETCH ROOM	Tank behind Etch Line	4000

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Interplex Etch Logic Facility ID: 9472  
 Reporting Period From January 1, 2019 to December 31, 2019

## SHIPMENT DETAILS

Mode of Shipment: Tank Trucks  
 Shipment Frequency Count: 16  
 Shipment Frequency Period: Year  
 Physical State In Transit: Liquid

Maximum Capacity Per Vessel: 25000  
 Maximum Shipment Quantity at One Time: 8868  
 Average Annual Shipment: 103356  
 Quantity: 103356  
 Routes of Travel: 195 SOUTH TLIUS1A, LEFT ON COTTAGE ST. RIGHT ON TO VENUS WAY

Carrier: PVS MINI BULK  
 Carrier Address: 10900 HARPER AVE, DETROIT, MI 48213-888-711-3445  
 Carrier Phone: 888-711-3445  
 Carrier 24 Hr Phone: 888-711-3445

## MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Sodium hydroxide	50	1310-73-2	<input type="checkbox"/>		5700	05

Chemical Description	Physical Hazards	Health Hazards												
Chemical ID: 156949 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7664-93-9 Trade Secret: <input type="checkbox"/> Chemical Name: Sulfuric acid EHS: <input checked="" type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: Sulfuric acid (aerosol forms only) <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: <input type="checkbox"/> Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input checked="" type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)												
Inventory														
Storage Codes & Location														
Max Daily Amt (lbs): 6500 Max Daily Amt Code: 05 Avg Daily Amt (lbs): 3750 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): 6500 No of days onsite: 356	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location (lbs)</th> </tr> </thead> <tbody> <tr> <td>[C] Tank inside building</td> <td>[1] Ambient pressure</td> <td>[4] Ambient temperature</td> <td>Wastewater Treatment</td> <td></td> <td>6500</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location (lbs)	[C] Tank inside building	[1] Ambient pressure	[4] Ambient temperature	Wastewater Treatment		6500	
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location (lbs)									
[C] Tank inside building	[1] Ambient pressure	[4] Ambient temperature	Wastewater Treatment		6500									



# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Interplex Ech Logic Facility ID: 9472  
 Reporting Period From January 1, 2019 to December 31, 2019

## SHIPMENT DETAILS

Mode of Shipment:	Tank Trucks	Maximum Capacity Per Vessel:	23000	Carrier:	PVS MINI BULK
Shipment Frequency Count:	4	Maximum Shipment Quantity at One Time:	4166	Carrier Address:	10900 HARPER AVE, DETROIT, MI 48213-
Shipment Frequency Period:	Year	Average Annual Shipment Quantity:	14998	Carrier Phone:	888-711-3445
Physical State In Transit:	Liquid	Routes of Travel:	195 SOUTH TO US 1A, LEFT ON TO COTTAGE ST, RIGHT ON TO VENUS WAY	Carrier 24 Hr Phone:	888-711-3445

		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	

