Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Glines & Rhodes, Inc. Facility ID: 1184

Reporting Period From January 1, 2021 to December 31, 2021

Annual 🛛 Update 🔹 Revised 🖾 Facility Information has changed from the last submission

Facility Identification					Owner/O	perator D	Details			
Facility ID: Facility Name: Maximum Occupants: Physical Location:	occupants: 28		-	41.937643/-71.27379 Secondary Smelting,	Address:		Glines Rhodes Inc 189 East Street Attleboro, MA 02703, United States 508-226-2000 x 233 Email: ryan@glinesandrhod		yan@glinesandrhodes.com	
	02703			Refining, and Alloying		ompany				
County: Fire Department: Phone: ☑ Manned ☐ Unma Email:	Bristol County 508-226-2000 x 232 anned		Code: de:	of Nonferrous Metal (except Copper and Aluminum) 331492 052529979	Name: Dun and Address: Phone:	Brad No:	MA , United States	Email:		
Subject to EPCRA Sec	ction 312 (Annual Inventory)?			🗹 Yes 🗆 No	Tier II Inf	formation	Contact			
-	Planning under Section 302 of I	EPCRA (40 CFR pa	rt 355)?	☑ Yes □ No			Paul Richard (Wood E& Senior Program Directo			
Subject to Section 112	r of Clean Air Act (CAA)?			🛛 Yes 🗹 No	Phone:	Phone: 781-552-9899		24 Hr.Phone: 781-552-9899		
RMP Facility ID: Subject to EPCRA Sec	ction 313 (Toxic Release Invento	ry - TRI)?		🗹 Yes 🗆 No	Email:		paul.richard2@woodplo	c.com		
TRI Facility ID:	02703GLNSN189EA									
Mailing Address					Facility E	Emergenc	y Planning Coordinate	or		
Company Name: Attention: Street Address 1: Street Address 2:	Glines & Rhodes, Inc. 189 East Street				Name: Title: Phone:		Ryan Crowell President 508-226-2000 x 223	24 ⊢	Ir.Phone: 774-306-6505	
City:	Attleboro	State:	MA		Email:		ryan@glinesandrhodes			
Zip:	02703 United States	Phone	508-226-20	000 x 233						
Country: Emergency Contacts	United States									
		1		1		1		1		
Name		Title		Phone		24 Hr.Ph	ione	Email		
Ryan Crowell		President		508-226-2000 x 22	3	774-306-	-6505	ryan@gline	sandrhodes.com	
William Baer		Compliance Office	r	508-226-2000		401-688-	-5451	will@glinesa	andrhodes.com	
	nder penalty of law that I have p uals responsible for obtaining th						h 10, and that based or	ו my	Optional Attachments Site Plan	
Paul Richard (Wood E	&IS, Inc.), Senior Program Direc	tor	2/27/2022 1	1:02:48 AM 781	552-9899	F	Paul Richard (Wood E&I	S, Inc.)	Site Coordinate Abbreviations	
Name and official title	of owner/operator or authorized	representative	Date Signed	d Tele	phone Numbe	er S	Signature		Other Safeguard measures	
									Facility Emergency Response Plan	

Chemical Description		Physical Ha	zards		Не	alth Hazards
Chemical ID: 209992 Check if Chemical Information is ☑ changed from the last submission: ☑ CAS #: 68476-30-2 Trade Secret: □ Chemical Name: FUEL OIL, [NO. 2] EHS: □ Contains EHS: □ EHS Name: □ □ Pure ☑ Mix □ Solid ☑ Liquid □ Gas Chemical Added On: □ Check if the chemical is below □ reporting threshold: □	Combustible Corrosive to r Explosive Flammable (g Gas under pr Hazard Not C In contact wit Organic pero: Oxidizer (liqu Pyrophoric (li Pyrophoric ga Self-heating Self-reactive	dust metal gases, aerosols essure Dtherwise Class h water emits fla xide id, solid or gas) quid or solid)	, liquids, or solids) ified (HNOC)	 ✓ Aspir ✓ Carc Germ Haza Repr Resp ✓ Seric Simp ✓ Skin 	ation hazard inogenicity n cell mutagenici rd Not Otherwise oductive toxicity iratory or skin se sus eye damage le asphyxiant corrosion or irrita ific target organ	e Classified (HNOC) ensitization or eye irritation
Inventory			Storage	e Codes & Loc	ation	
Max Daily Amt (Ibs): 71000 Max Daily Amt Code: 08 Avg Daily Amt (Ibs): 71000 Avg Daily Amt Code: 08 Max Amt in Largest Container (Ibs): 71000 No of days onsite: 365	Container Type [A]Above ground tank		Temperature [4]Ambient temperature	Storage Location Aboveground Tank, Southeast section of property	Description	Max Amt At Location(lbs) 71000
	CLUDM					
Shipment Frequency Count:MaximShipment Frequency Period:One TiPhysical State In Transit:AverageQuantiQuanti	um Capacity Per Ves um Shipment Quantit ne: e Annual Shipment			Carrier: Carrier Addra Carrier Phon Carrier 24 Hi Phone:	e:	

Chemical Description		Physical Ha	zards		Health Hazards			
Chemical ID: 210001 Check if Chemical Information is ✓	Combustible	dust			e toxicity (any rout	e of exposure)		
changed from the last submission:	Corrosive to r	metal			ation hazard			
CAS #: N/A Trade Secret:	Explosive			Carc	inogenicity			
Chemical Name: Nitric Acid Solution	Flammable (g	jases, aerosols,	liquids, or solids)	🛛 Gern	n cell mutagenicity	,		
EHS: ☐ Contains EHS: ☑ Exceeds TPQ: ☐	☐ Gas under pr	essure		🗆 Haza	ard 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	piratory or skin ser	sitization		
Chemical Added On:	□ Organic pero	xide	-	🗹 Serio	ous eye damage o	r eye irritation		
Check if the chemical is below	🗹 Oxidizer (liqu	id, solid or gas)		Simp	ole asphyxiant			
	Pyrophoric (li		🗹 Skin	Skin corrosion or irritation				
	Pyrophoric ga	is		-		oxicity (single or repeated		
	Self-heating			exposur	e)			
	Self-reactive							
Inventory		Storage Codes & Location						
Max Daily Amt (lbs): 908	Container Type	Pressure	Temperature	Storage	Description	Max Amt At		
Max Daily Amt Code: 03	[M]Class bettles	[1] Ambient	[4]Ambient	Location		Location(lbs) 427		
Avg Daily Amt (lbs): 908	[M]Glass bottles or jugs	pressure	temperature	Laboratory Area		427		
Avg Daily Amt Code: 03	[M]Glass bottles		[4]Ambient	Stone		504		
	or jugs	pressure	temperature	Processing				
Max Amt in Largest Container (lbs): 155	[R]Other	[1]Ambient	[4]Ambient	Area Silver		466		
No of days onsite: 365	Desc: 50 L Keg		temperature	Refining Line				

					S	HIPMENT	DETAILS					
5	Mode of Shipment: Shipment Frequency Count: Shipment Frequency Period:	Trucks 6 Year	Maximum Capacity Per Vessel: 9 Maximum Shipment Quantity at 9 One Time:					Carrier: Carrier Address:				
F	Physical State In Transit:	Liquid		Average An Quantity:	Average Annual Shipment		700	Carrier Phone: Carrier 24 Hr		508-409-0220 508-409-0220		
				Routes of T	Routes of Travel:		1-95 to Exit 3 - MA 123 towards Attleboro/Norton. Take right onto MA 123 and travel 0.8 miles. Take left onto County St and continue for 1.1 miles onto Oneil Blvd and take 3rd left onto East St.	Phone:				
					MIXT	TURE CO	MPONENTS					
	Chemical Name		%	CAS #	EHS	EHS N	ame	Max Dail Amount	•	Max Daily Amount Code		
	Nitric Acid		65	7697-37-2	Ø	Nitric a	cid	590.2		03		
					EHS	EHS N	MPONENTS ame	Amount	•	Amount Code		

Chemical Description	Physical Hazards	Health Hazards					
Chemical ID: 209993 Check if Chemical Information is	Combustible dust	Acute toxicity (any route of exposure)					
Check if Chemical Information is changed from the last submission:	Corrosive to metal	☐ Aspiration hazard					
CAS #: 68476-85-7 Trade Secret:		Carcinogenicity					
Trade Secret: Chemical Name: PETROLEUM GASES, LIQUEFIED	☑ Flammable (gases, aerosols, liquids, or solids)	Germ cell mutagenicity					
EHS: Contains EHS: Exceeds TPQ:	Gas under pressure	□ Hazard Not Otherwise Classified (HNOC)					
EHS Name:	Hazard Not Otherwise Classified (HNOC)	Reproductive toxicity					
🗹 Pure 🔲 Mix 🔲 Solid 🗹 Liquid 🗹 Gas	☐ In contact with water emits flammable gas	Respiratory or skin sensitization					
Chemical Added On:	□ Organic peroxide	□ Serious eye damage or eye irritation					
Check if the chemical is below	☐ Oxidizer (liquid, solid or gas)	☐ Simple asphyxiant					
	Pyrophoric (liquid or solid)	Skin corrosion or irritation					
	Pyrophoric gas	□ Specific target organ toxicity (single or repeated					
	□ Self-heating	exposure)					
	□ Self-reactive						
Inventory	Storage Codes & Location						
Max Daily Amt (lbs): 22100		Storage Description Max Amt At					
Max Daily Amt Code: 06		ocation Location(lbs)					
Avg Daily Amt (lbs): 22100	tank than ambient temperature Tar	nks (5)-					
Avg Daily Amt Code: 06		utheast e of					
Max Amt in Largest Container (lbs): 4400		perty					
No of days onsite: 365							
	SHIPMENT DETAILS						

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Glines & Rhodes, Inc. Facility ID: 1184 Reporting Period From January 1, 2021 to December 31, 2021

Chemical Description Physical Hazards Health Hazards Chemical ID: 209997 Acute toxicity (any route of exposure) Combustible dust Check if Chemical Information is \mathbf{N} Aspiration hazard Corrosive to metal changed from the last submission: CAS #: 151-50-8 Carcinogenicity Trade Secret: Germ cell mutagenicity Flammable (gases, aerosols, liquids, or solids) **Chemical Name: POTASSIUM CYANIDE** Hazard Not Otherwise Classified (HNOC) Contains EHS: Exceeds TPQ: Gas under pressure EHS: $\mathbf{\nabla}$ Reproductive toxicity FHS Name Hazard Not Otherwise Classified (HNOC) Potassium cyanide Respiratory or skin sensitization Pure Mix Solid 🗌 Liquid 🗍 Gas \Box In contact with water emits flammable gas □ Serious eye damage or eye irritation Chemical Added On: Organic peroxide Check if the chemical is below ☐ Simple asphyxiant Oxidizer (liquid, solid or gas) reporting threshold: □ Skin corrosion or irritation Pyrophoric (liquid or solid) Specific target organ toxicity (single or repeated Pvrophoric das exposure) Self-heating □ Self-reactive Inventory Storage Codes & Location Max Daily Amt (lbs): 300 **Container Type** Pressure Temperature Storage Description Max Amt At Location Location(lbs) Max Daily Amt Code: 02 [4]Ambient Concentrator/ 300 [K]Box [1]Ambient Avg Daily Amt (lbs): 150 pressure temperature Evaporation Building Avg Daily Amt Code: 02 Max Amt in Largest Container (lbs): 50 No of days onsite: 365 SHIPMENT DETAILS Mode of Shipment: Trucks Maximum Capacity Per Vessel: 6000 Carrier: Technic. Inc. Maximum Shipment Quantity at 100 Shipment Frequency Count: 3 Carrier Address: 1 Spectacle St., Cranston, RI Shipment Frequency Period: Year One Time: 02910-1032 Physical State In Transit: Average Annual Shipment Solid 100 Carrier Phone: 401-781-6100 Quantity: Carrier 24 Hr 800-424-9300 Routes of Travel I-95 to Exit 3 - MA123 towards Phone: Attleboro/Norton. Take right onto MA-123 and travel 0.8 miles. Take left onto County Street and continue for 1.1 miles onto Park Street. Turn right onto Oneil Blvd and take 3rd left onto East St.

Chemical Description		Physical Haz	ards		Health Hazards			
Chemical ID:209994Check if Chemical Information is	Combustible of	dust		Acute Acute	e toxicity (any rou	ute of exposure)		
changed from the last submission:	Corrosive to n	netal		🗆 Aspir	ation hazard			
CAS #: N/A Trade Secret:	Explosive			Carc	inogenicity			
Trade Secret: Chemical Name: POTASSIUM CYANI		ases, aerosols,	liquids, or solids)	Gern	n cell mutagenici	ty		
EHS: Contains EHS: Exceeds T	 Gas under pre	essure		🗆 Haza	ard Not Otherwise	e Classified (HNOC)		
EHS Name:	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	piratory or skin se	ensitization		
Chemical Added On:	Organic perox	kide		Serio	ous eye damage	or eye irritation		
Check if the chemical is below	Oxidizer (liqui	d, solid or gas)		Simp	□ Simple asphyxiant			
	Pyrophoric (lic	quid or solid)		🗆 Skin	Skin corrosion or irritation			
	Pyrophoric ga	IS		-		toxicity (single or repea	ited	
	□ Self-heating			exposur	e)			
	□ Self-reactive							
Inventory	Storage Codes & Location							
Max Daily Amt (lbs): 6700	Container Type	Pressure	Temperature	Storage	Description	Max Amt At		
Max Daily Amt Code: 05	 [R]Other	[1]Ambient	[4]Ambient	Location Concentrator	/	Location(lbs) 2500		
Avg Daily Amt (lbs): 6700	Desc: container	pressure	temperature	Evaporation	, 	2300		
Avg Daily Amt Code: 05	 [C]Topk inside	[1] Ambient	[1] Ambiant	Building	1	1700		
Max Amt in Largest Container (lbs): 2500	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	Concentrator, Evaporation		1700		
No of days onsite: 365				Building				
	[R]Other Desc: container	[1]Ambient pressure	[4]Ambient temperature	Concentrator, Evaporation		2500		
				Building				

				SHIP	MENT DETAILS			
Mode of Shipment: Shipment Frequency Count: Shipment Frequency Period:	Trucks 1 Year		Maximum Capacity Per Vessel: Maximum Shipment Quantity at One Time:			Carrier: Carrier Address:	No Deliveries in RY20 189 East Street, Attleboro, MA 02703	
Physical State In Transit:	Liquid		Average A Quantity: Routes of		1 The solution is created on-site. Shipment information for potassium cyanide (EHS chemical) is reported separately.	Carrier Phone: Carrier 24 Hr Phone:	508-226 774-306	-2000 x232 -6505
				MIXTUR	RE COMPONENTS			
Chemical Name		%	CAS #	EHS E	EHS Name	Max Dail Amount		Max Daily Amount Code
Potassium Cyanide		3	151-50-8	P	Potassium cyanide	201		02

Chemical Description		Physical Haz	zards		Hea	Ith Hazards		
Chemical ID: 209995 Check if Chemical Information is	Combustible o				Acute toxicity (any route of exposure)			
changed from the last submission: CAS #: N/A Trade Secret:	Corrosive to n		liquids, or solids)		inogenicity n cell mutagenicity			
Chemical Name: SODIUM CYANIDE SOLUTION EHS: □ Contains EHS: ☑ Exceeds TPQ: ☑ EHS Name: □ Pure ☑ Mix □ Solid ☑ Liquid □ Gas	Gas under pre Hazard Not O	essure therwise Classi	fied (HNOC)		 Hazard Not Otherwise Classified (HNOC) Reproductive toxicity Respiratory or skin sensitization 			
Chemical Added On: Check if the chemical is below reporting threshold:	 Organic peroxide Oxidizer (liquid, solid or gas) Pyrophoric (liquid or solid) Pyrophoric gas Self-heating Self-reactive 				 Serious eye damage or eye irritation Simple asphyxiant Skin corrosion or irritation Specific target organ toxicity (single or repeated exposure) 			
Inventory	Storage Codes & Location							
Max Daily Amt (lbs): 5500 Max Daily Amt Code: 05 Avg Daily Amt (lbs): 2800	Container Type [D]Steel drum	Pressure [1]Ambient pressure	Temperature [4]Ambient temperature	Storage Location Concentrator Evaporation Building	Description	Max Amt At Location(lbs) 5500		
Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): 500 No of days onsite: 365		1			1	·		

				SHIP	MENT DETAILS				
Mode of Shipment: Shipment Frequency Count: Shipment Frequency Period:	y Count: 2 Maximum Shi					Glines & Rhodes ss: 189 East St., Attleboro, MA 02703-			
Physical State In Transit:	Liquid		Average A Quantity: Routes of		2800 I-95 to Exit 3 - MA123 towards Attleboro/Norton. Take right onto MA-123 and travel 0.8 miles. Take left onto County Street and continue for 1.1 miles onto Park Street. Turn right onto Oneil Blvd and take 3rd left onto East St	Carrier Phone: Carrier 24 Hr Phone:			
				MIXTUR	RE COMPONENTS				
Chemical Name		%	CAS #	EHS E	HS Name	Max Dai Amount		Max Daily Amount Code	
Sodium Cyanide		3	143-33-9	⊠ s	odium cyanide (Na(CN))	165		02]

		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