

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Smith & Nephew, Inc. **Facility ID:** 2848

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

☒ Annual ☐ Update ☐ Revised ☒ Facility Information has changed from the last submission

Facility Identification				Owner/Operator Details	
Facility ID: 2848		Lat/Long: 42.03/-71.24		Name: Brett Nowlin	
Facility Name: Smith & Nephew, Inc.				Address: 130 Forbes Blvd.	
Maximum Occupants: 360				Mansfield, MA 02048, United States	
Physical Location: 130 Forbes Blvd., Mansfield, MA 02048		Nature of Business:		Phone: 508-337-4054 Email: brett.nowlin@smith-nephew.com	
County: Bristol County		NAICS Code: 339112		Parent Company Details	
Fire Department:		SIC Code: 3841		Name:	
Phone: 508-337-4002		Dun and Brad No: 109903521		Dun and Brad No:	
<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		EIN ID(Tax Number):		Address: MA , United States	
Email: qianheng.wang@smith-nephew.com		FTE:		Phone: Email:	
Subject to EPCRA Section 312 (Annual Inventory)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Tier II Information Contact	
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Name: Peter Furfari	
Subject to Section 112r of Clean Air Act (CAA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Title: Facilities Manager	
RMP Facility ID:				Phone: 508-261-3665 24 Hr.Phone: 508-243-3150	
Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Email: peter.furfari@smith-nephew.com	
TRI Facility ID: 02048smthn13frb					
Mailing Address				Facility Emergency Planning Coordinator	
Company Name: Smith & Nephew, Inc.				Name: Peter Furfari	
Attention:				Title: Facilities Manager	
Street Address 1: 130 Forbes Blvd.				Phone: 508-261-3665 24 Hr.Phone: 508-243-3150	
Street Address 2:				Email: peter.furfari@smith-nephew.com	
City: Mansfield		State: MA			
Zip: 02048		Phone: 508-261-3600			
Country: United States					
Emergency Contacts					
Name		Title	Phone	24 Hr.Phone	Email
Peter Furfari		Facilities Manager	508-261-3665	508-243-3150	peter.furfari@smith-nephew.com
Brett Nowlin		Manufacturing Sr Director	508-337-4054	508-826-9672	brett.nowlin@smith-nephew.com
Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 6, 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. Brett Nowlin, Operations Site Lead 2/28/2022 9:53:24 AM 508-337-4054 Brett Nowlin Name and official title of owner/operator or authorized representative Date Signed Telephone Number Signature					Optional Attachments <input type="checkbox"/> Site Plan <input type="checkbox"/> Site Coordinate Abbreviations <input type="checkbox"/> Other Safeguard measures <input type="checkbox"/> Facility Emergency Response Plan

Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Smith & Nephew, Inc. Facility ID: 2848

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

Chemical Description	Physical Hazards	Health Hazards																						
Chemical ID: 207151 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: N/A Trade Secret: <input type="checkbox"/> Chemical Name: EPS 4000 Electropolish EHS: <input type="checkbox"/> Contains EHS: <input checked="" type="checkbox"/> Exceeds TPQ: <input checked="" 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: 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 checked="" 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 checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																						
Inventory	Storage Codes & Location																							
Max Daily Amt (lbs): 1550 Max Daily Amt Code: 04 Avg Daily Amt (lbs): 1350 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): 800 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>[R]Other Desc: Equipment</td><td>[1]Ambient pressure</td><td>[4]Ambient temperature</td><td>Electropolish Equipment</td><td></td><td></td></tr> <tr> <td>[E]Plastic or nonmetallic drum</td><td>[1]Ambient pressure</td><td>[4]Ambient temperature</td><td>Electropolish Area</td><td></td><td></td></tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[R]Other Desc: Equipment	[1]Ambient pressure	[4]Ambient temperature	Electropolish Equipment			[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Electropolish Area							
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Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Smith & Nephew, Inc. Facility ID: 2848

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

SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	800	Carrier:	FedEx Freight
Shipment Frequency Count:	5	Maximum Shipment Quantity at	800	Carrier Address:	300 Bartlett St., Worcester, MA
Shipment Frequency Period:	Year	One Time:			01532-
Physical State In Transit:	Liquid	Average Annual Shipment	800	Carrier Phone:	877-493-7238
		Quantity:		Carrier 24 Hr	800-424-9300
		Routes of Travel:	Route 95 to Route 140 South. South onto Forbes Blvd.	Phone:	

MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
SULFURIC ACID	51	7664-93-9	<input checked="" type="checkbox"/>	Sulfuric acid	790.5	03

Chemical Description	Physical Hazards	Health Hazards																					
Chemical ID: 207152 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: N/A Trade Secret: <input type="checkbox"/> Chemical Name: EPS 6500 Electropolish EHS: <input type="checkbox"/> Contains EHS: <input checked="" type="checkbox"/> Exceeds TPQ: <input checked="" 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: 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 checked="" 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 checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																					
Inventory	Storage Codes & Location																						
Max Daily Amt (lbs): 1090 Max Daily Amt Code: 04 Avg Daily Amt (lbs): 950 Avg Daily Amt Code: 03 Max Amt in Largest Container (lbs): 570 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>[R]Other Desc: Equipment</td><td>[1]Ambient pressure</td><td>[4]Ambient temperature</td><td>Electropolish Area</td><td></td><td></td></tr> <tr> <td>[E]Plastic or nonmetallic drum</td><td>[1]Ambient pressure</td><td>[4]Ambient temperature</td><td>Electropolish Area</td><td></td><td></td></tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[R]Other Desc: Equipment	[1]Ambient pressure	[4]Ambient temperature	Electropolish Area			[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Electropolish Area						
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Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Smith & Nephew, Inc. Facility ID: 2848

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

SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	1000	Carrier:	FedEx Freight
Shipment Frequency Count:	1	Maximum Shipment Quantity at	600	Carrier Address:	x300 Bartlett St., Worcester, MA 01532
Shipment Frequency Period:	Year	One Time:		Carrier Phone:	877-493-7238
Physical State In Transit:	Liquid	Average Annual Shipment	600	Carrier 24 Hr	800-424-9300
		Quantity:		Phone:	
		Routes of Travel:	Route 95 to Route 140 South. South onto Forbes Blvd.		

MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Sulfuric acid	30	7664-93-9	<input checked="" type="checkbox"/>	Sulfuric acid	327	02

Chemical Description	Physical Hazards	Health Hazards																							
Chemical ID: 207149 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: N/A Trade Secret: <input type="checkbox"/> Chemical Name: Hangsterfer's Hard Cut NG 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: Check if the chemical is below reporting threshold: <input 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 checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input 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): 24000 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 22700 Avg Daily Amt Code: 06 Max Amt in Largest Container (lbs): 4305 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>[A]Above ground tank</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Hazmat Room</td> <td></td> <td></td> </tr> <tr> <td>[R]Other Desc: Equipment</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>In equipment throughout Main Plant</td> <td></td> <td></td> </tr> <tr> <td>[D]Steel drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Hazmat Room</td> <td></td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Hazmat Room			[R]Other Desc: Equipment	[1]Ambient pressure	[4]Ambient temperature	In equipment throughout Main Plant			[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	Hazmat Room		
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Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Smith & Nephew, Inc. Facility ID: 2848

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

SHIPMENT DETAILS

Mode of Shipment:	Other N/A	Maximum Capacity Per Vessel:	Carrier:
Shipment Frequency Count:	0	Maximum Shipment Quantity at One Time:	Carrier Address:
Shipment Frequency Period:		Average Annual Shipment Quantity:	Carrier Phone:
Physical State In Transit:		Routes of Travel:	Carrier 24 Hr Phone:
		N/A	

Chemical Description	Physical Hazards	Health Hazards																							
Chemical ID: 207150 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: N/A Trade Secret: <input type="checkbox"/> Chemical Name: Lead-Acid Batteries EHS: <input type="checkbox"/> Contains EHS: <input checked="" type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input 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 checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input checked="" type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input checked="" 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 checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																							
Inventory	Storage Codes & Location																								
Max Daily Amt (lbs): 2385 Max Daily Amt Code: 04 Avg Daily Amt (lbs): 2135 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): 872 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>[R]Other Desc: Batteries</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>UPS batteries in T1 Computer Closet</td> <td></td> <td></td> </tr> <tr> <td>[R]Other Desc: Batteries</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Batteries in Mobile Equipment throughout the site</td> <td></td> <td></td> </tr> <tr> <td>[R]Other Desc: Batteries</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Emergency lighting throughout the facility</td> <td></td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[R]Other Desc: Batteries	[1]Ambient pressure	[4]Ambient temperature	UPS batteries in T1 Computer Closet			[R]Other Desc: Batteries	[1]Ambient pressure	[4]Ambient temperature	Batteries in Mobile Equipment throughout the site			[R]Other Desc: Batteries	[1]Ambient pressure	[4]Ambient temperature	Emergency lighting throughout the facility		
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Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Smith & Nephew, Inc. Facility ID: 2848

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

SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	300	Carrier:	Mack's Garage
Shipment Frequency Count:	1	Maximum Shipment Quantity at	252	Carrier Address:	57 Mendon St, Bellingham, MA
Shipment Frequency Period:	Year	One Time:			02019
Physical State In Transit:	Liquid	Average Annual Shipment	252	Carrier Phone:	508-966-0017
		Quantity:		Carrier 24 Hr	800-483-3718
		Routes of Travel:	Rte 95 to Rte 140 E to Forbes Blvd	Phone:	

MIXTURE COMPONENTS

Chemical Name	%	CAS #	EH	EH Name	Max Daily Amount (lbs)	Max Daily Amount Code
Sulfuric Acid	12.7	7664-93-9	<input checked="" type="checkbox"/>	Sulfuric acid	302.895	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