

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.010

**MD-ID-No.** MD-288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 1

Hull DSME 4212

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

Product name	Product number	Delivered unit	Product information
double deep groove ball	item 320	4 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2

<Material information>

This materials information shows the amount of hazardous materials contained in 

1	<input type="text"/>	<input type="text"/>
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Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		<input type="text"/>		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		<input type="text"/>		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		<input type="text"/>	
		Halons		No		<input type="text"/>	
		Other fully halogenated CFCs		No		<input type="text"/>	
		Carbon tetrachloride		No		<input type="text"/>	
		1,1,1-Trichloroethane		No		<input type="text"/>	
		Hydrochlorofluorocarbons		No		<input type="text"/>	
		Hydrobromofluorocarbons		No		<input type="text"/>	
		Methyl bromide		No		<input type="text"/>	
Bromochloromethane	No		<input type="text"/>				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		<input type="text"/>			
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		<input type="text"/>		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		<input type="text"/>		
	Lead and lead compounds	1,000 mg/kg	No		<input type="text"/>		
	Mercury and mercury compounds	1,000 mg/kg	No		<input type="text"/>		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		<input type="text"/>		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		<input type="text"/>		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		<input type="text"/>		
	Radioactive substances	no threshold level	No		<input type="text"/>		
Certain shortchain chlorinated paraffins	1%	No		<input type="text"/>			
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		<input type="text"/>		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		<input type="text"/>		

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.020

**MD-ID-No.** MD-288616

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 2

Hull DSME 4212

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
spherical roller bearing	item 322	4 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.030

**MD-ID-No.** MD-288616

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 3

Hull DSME 4212

Product name	Product number	Delivered unit	Product information
gasket	item 400.1	4 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2

<Material information>

This materials information shows the amount of hazardous materials contained in 

1	<input type="text"/>	<input type="text"/>
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Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		<input type="text"/>		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		<input type="text"/>		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		<input type="text"/>	
		Halons		No		<input type="text"/>	
		Other fully halogenated CFCs		No		<input type="text"/>	
		Carbon tetrachloride		No		<input type="text"/>	
		1,1,1-Trichloroethane		No		<input type="text"/>	
		Hydrochlorofluorocarbons		No		<input type="text"/>	
		Hydrobromofluorocarbons		No		<input type="text"/>	
		Methyl bromide		No		<input type="text"/>	
Bromochloromethane	No		<input type="text"/>				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		<input type="text"/>			
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		<input type="text"/>		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		<input type="text"/>		
	Lead and lead compounds	1,000 mg/kg	No		<input type="text"/>		
	Mercury and mercury compounds	1,000 mg/kg	No		<input type="text"/>		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		<input type="text"/>		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		<input type="text"/>		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		<input type="text"/>		
	Radioactive substances	no threshold level	No		<input type="text"/>		
Certain shortchain chlorinated paraffins	1%	No		<input type="text"/>			
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		<input type="text"/>		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		<input type="text"/>		

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.040

**MD-ID-No.** MD-288616

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 4

Hull DSME 4212

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
gasket	item 400.2	4 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.050

**MD-ID-No.** MD-288616

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 5

Hull DSME 4212

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
v-ring	item 420.1	4 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.060

**MD-ID-No.** MD-288616

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 6

Hull DSME 4212

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
v-ring	item 420.2	4 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in 1 Unit

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			<input type="checkbox"/>	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			<input type="checkbox"/>	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			<input type="checkbox"/>
		Halons		No			<input type="checkbox"/>
		Other fully halogenated CFCs		No			<input type="checkbox"/>
		Carbon tetrachloride		No			<input type="checkbox"/>
		1,1,1-Trichloroethane		No			<input type="checkbox"/>
		Hydrochlorofluorocarbons		No			<input type="checkbox"/>
		Hydrobromofluorocarbons		No			<input type="checkbox"/>
		Methyl bromide		No			<input type="checkbox"/>
Bromochloromethane	No			<input type="checkbox"/>			
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			<input type="checkbox"/>		
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			<input type="checkbox"/>	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			<input type="checkbox"/>	
	Lead and lead compounds	1,000 mg/kg	No			<input type="checkbox"/>	
	Mercury and mercury compounds	1,000 mg/kg	No			<input type="checkbox"/>	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			<input type="checkbox"/>	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			<input type="checkbox"/>	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			<input type="checkbox"/>	
	Radioactive substances	no threshold level	No			<input type="checkbox"/>	
Certain shortchain chlorinated paraffins	1%	No			<input type="checkbox"/>		
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			<input type="checkbox"/>	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			<input type="checkbox"/>	

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.070

**MD-ID-No.** MD-288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 7

Hull DSME 4212

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
shaft lip seal	item 421	4 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in 

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.080

**MD-ID-No.** MD-288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 8

Hull DSME 4212

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.

**Division name**

**Address** Von Thünen Strasse 7, 28307 Bremen, Germany

**Contact person** Bettina Wichmann

**Telephone number** +49 421 48681-0

**Fax number** +49 421 48681-11

**E-mail address** info@behrenspumpen.de

**SDoC ID No** 288616

Product name	Product number	Delivered unit	Product information
mechanical seal	item 470	4 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2

<Material information>

This materials information shows the amount of hazardous materials contained in 

1	<input type="text"/>	<input type="text"/>
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Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		<input type="text"/>		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		<input type="text"/>		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		<input type="text"/>	
		Halons		No		<input type="text"/>	
		Other fully halogenated CFCs		No		<input type="text"/>	
		Carbon tetrachloride		No		<input type="text"/>	
		1,1,1-Trichloroethane		No		<input type="text"/>	
		Hydrochlorofluorocarbons		No		<input type="text"/>	
		Hydrobromofluorocarbons		No		<input type="text"/>	
		Methyl bromide		No		<input type="text"/>	
Bromochloromethane	No		<input type="text"/>				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		<input type="text"/>			
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		<input type="text"/>		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		<input type="text"/>		
	Lead and lead compounds	1,000 mg/kg	No		<input type="text"/>		
	Mercury and mercury compounds	1,000 mg/kg	No		<input type="text"/>		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		<input type="text"/>		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		<input type="text"/>		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		<input type="text"/>		
	Radioactive substances	no threshold level	No		<input type="text"/>		
Certain shortchain chlorinated paraffins	1%	No		<input type="text"/>			
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		<input type="text"/>		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		<input type="text"/>		



# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.090

**MD-ID-No.** MD-288616

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 9

Hull DSME 4212

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
wear ring	item 502.1	3 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in 

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.100

**MD-ID-No.** MD-288616

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 10

Hull DSME 4212

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
wear ring	item 502.2	3 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in 1 Unit

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			<input type="checkbox"/>	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			<input type="checkbox"/>	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			<input type="checkbox"/>
		Halons		No			<input type="checkbox"/>
		Other fully halogenated CFCs		No			<input type="checkbox"/>
		Carbon tetrachloride		No			<input type="checkbox"/>
		1,1,1-Trichloroethane		No			<input type="checkbox"/>
		Hydrochlorofluorocarbons		No			<input type="checkbox"/>
		Hydrobromofluorocarbons		No			<input type="checkbox"/>
		Methyl bromide		No			<input type="checkbox"/>
Bromochloromethane	No				<input type="checkbox"/>		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No				<input type="checkbox"/>	
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			<input type="checkbox"/>	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			<input type="checkbox"/>	
	Lead and lead compounds	1,000 mg/kg	No			<input type="checkbox"/>	
	Mercury and mercury compounds	1,000 mg/kg	No			<input type="checkbox"/>	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			<input type="checkbox"/>	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			<input type="checkbox"/>	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			<input type="checkbox"/>	
	Radioactive substances	no threshold level	No			<input type="checkbox"/>	
Certain shortchain chlorinated paraffins	1%	No			<input type="checkbox"/>		
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			<input type="checkbox"/>	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			<input type="checkbox"/>	

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.110

**MD-ID-No.** MD-288616

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 11

Hull DSME 4212

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
distance sleeve	item 540	3 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in 

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.120

**MD-ID-No.** MD-288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 14

Hull DSME 4212

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
coupling blocks	item 867 1set= 8 pcs 4 set		intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in 

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No			▼	
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			▼	
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			▼
		Halons		No			▼
		Other fully halogenated CFCs		No			▼
		Carbon tetrachloride		No			▼
		1,1,1-Trichloroethane		No			▼
		Hydrochlorofluorocarbons		No			▼
		Hydrobromofluorocarbons		No			▼
		Methyl bromide		No			▼
Bromochloromethane	No				▼		
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			▼		
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No			▼	
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			▼	
	Lead and lead compounds	1,000 mg/kg	No			▼	
	Mercury and mercury compounds	1,000 mg/kg	No			▼	
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			▼	
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			▼	
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No			▼	
	Radioactive substances	no threshold level	No			▼	
Certain shortchain chlorinated paraffins	1%	No			▼		
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			▼	
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			▼	

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.130

**MD-ID-No.** MD-288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 15

Hull DSME 4212

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

Product name	Product number	Delivered unit	Product information
impeller nut	item 922	1 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2

<Material information>

This materials information shows the amount of hazardous materials contained in 

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
Table B** <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
Annex II*** <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

# Material Declaration

<Date of declaration>

**Date** 16.01.2024

<MD ID number> 10.140

**MD-ID-No.** MD-288616

<Supplier (respondent) information>

**Company name** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Division name**  
**Address** Von Thünen Strasse 7, 28307 Bremen, Germany  
**Contact person** Bettina Wichmann  
**Telephone number** +49 421 48681-0  
**Fax number** +49 421 48681-11  
**E-mail address** info@behrenspumpen.de  
**SDoC ID No** 288616

<Other information>

Customer PO: PIN-206/2023E-O001

item 16

Hull DSME 4212

<b>Product name</b>	<b>Product number</b>	<b>Delivered unit</b>	<b>Product information</b>
locking nut	item 923	4 pcs	intended for: VRF 9/350 G LT cooling FW pump no.2
			71437

<Material information>

This materials information shows the amount of hazardous materials contained in 

1	Unit
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Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
<b>Table A**</b> <small>(materials listed in appendix 1 of the Convention)</small>	Asbestos	0.1%*	No		▼		
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No		▼		
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No		▼	
		Halons		No		▼	
		Other fully halogenated CFCs		No		▼	
		Carbon tetrachloride		No		▼	
		1,1,1-Trichloroethane		No		▼	
		Hydrochlorofluorocarbons		No		▼	
		Hydrobromofluorocarbons		No		▼	
		Methyl bromide		No		▼	
Bromochloromethane	No		▼				
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No		▼			
<b>Table B**</b> <small>(materials listed in appendix 2 of the Convention)</small>	Cadmium and cadmium compounds	100 mg/kg	No		▼		
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No		▼		
	Lead and lead compounds	1,000 mg/kg	No		▼		
	Mercury and mercury compounds	1,000 mg/kg	No		▼		
	Polybrominated biphenyl (PBBs)	50 mg/kg	No		▼		
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No		▼		
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No		▼		
	Radioactive substances	no threshold level	No		▼		
Certain shortchain chlorinated paraffins	1%	No		▼			
<b>Annex II***</b> <small>(Additional materials)</small>	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No		▼		
	Brominated Flame Retardant (HBCDD)	100 mg/kg	No		▼		

# Supplier's Declaration of conformity for Material Declaration management

- 1) **SDoC ID number:** SD- 288616
- 2) **Issuers name:** Heinrich Behrens Pumpenfabrik GmbH & Co.  
**Issuers Address:** Von Thünen Strasse 7, 28307 Bremen, Germany
- 3) **Object(s) of declaration:** Parts for pumps supplied under 288616

4) The objects of the declaration described above are in conformity with the following documents:

5) **Applicable Regulations or other stipulated requirements and documents**

Document No.	Title	Date of issue
ISO 9001	Quality management systems	2015-11
SR/CONF/45	Hong Kong International convention for the safe and environmentally sound recycling of ships	
IMO MEPC 269(68)	Guidelines for the development of the inventory of hazardous materials	2015-05
EU No 1257/2013	Ship recycling	2013-11
Behrens Pumpen QM	Behrens Pumpen Qualitätsmanagement	2017-11


6) **Additional information:**

7) **Signed for and on behalf of:** Heinrich Behrens Pumpenfabrik GmbH & Co.

Bremen  
**Place of issue**  
16.01.2024  
**Date of issue**

Bettina Wichmann

**Name**

  
\_\_\_\_\_  
**Signature**