

TOTAL LUBRIFIANTS

29th October 2020

Subject: Material Declaration according to IMO MEPC.269(68): 2015, Regulation (EU) 1257/2013 and Hong Kong International Convention, 2009

To whom it may concern,

In the past years, regulatory entities have issued new guidelines for the development of Inventory of Hazardous Materials (IHM) onboard of ships trading worldwide. Those regulations determine the substances of major concern as well as their respective threshold values in products used onboard, the lubricants being among others. Some of these substances are categorized as asbestos, ozone depleting substances, PCBs, PFOS, ODSs and organotin compounds, among others.

Please refer to following reference regulations:

- IMO MEPC 269(68): 2015 - Guidelines for the Development of the Inventory of Hazardous Materials
- Regulation (EU) 1257/2013 of the European Parliament and the Council on ship recycling (EU SRR), EMSA - Guidance on the Inventory of Hazardous Materials, IHM Development and Maintenance in the context of the EU Ship Recycling Regulation
- Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (HKC), (SR/CONF/45)

Based on the aforementioned resolutions coming into force on **1st of January 2021**, all ships have to keep onboard an Inventory of Hazardous Materials (IHM) covering the stipulated requirements and substances of interest. In this context, TOTAL Lubmarine declares here that to the best of its knowledge, information and belief, all its delivered products conform to the concerned regulations, and do not contain any of the substances of concern. Please find attached to this letter the relevant certificate of compliance issued by the Safety Product Department of TOTAL LUBRIFIANTS for your reference.

Please don't hesitate to contact us at ms.lubmarine.tma@total.com should you require any further clarifications.

Yours sincerely,
TOTAL LUBRIFIANTS



Robert JOORE
General Manager Lubmarine

TOTAL LUBRIFIANTS

List of Attachments

- Certificate of Compliance from the Product Safety Department
- TOTAL LUBMARINE List of Products
- Reference Material Declaration List TOTAL Lubrifiants Lubmarine
- Reference Material Declaration List of partner Geserco (Tech'Care Kits)

TOTAL LUBRIFIANTS
TOTAL LUBMARINE List of Products

Product Range	Product
TALUSIA	TALUSIA LS 25
	TALUSIA LS 40
	TALUSIA UNIVERSAL
	TALUSIA HR 70
	TALUSIA UNIVERSAL 100
	TALUSIA OPTIMA
	TALUSIA HR 140
	MAR 140
ATLANTA MARINE	ATLANTA MARINE D 2005
	ATLANTA MARINE D 3005
	ATLANTA LARINE D 4005
AURELIA	AURELIA TI 3020
	AURELIA TI 4020
	AURELIA TI 3030
	AURELIA TI 4030
	AURELIA TI 3040
	AURELIA TI 4040
	AURELIA TI 4055
	AURELIA LNG 40
	AURELIA LNG 50
	DISOLA
DISOLA M 4012	
DISOLA M 3015	
DISOLA M 4015	
DISOLA W	
DISOLA MT 40	
RUBIA	RUBIA CF-2 40
	RUBIA G 1300 40
VISGA	VISGA 15
	VISGA 22
	VISGA 46
	VISGA 68
	VISGA 100
	VISGA 150
EPONA	EPONA Z 68
	EPONA Z 100
	EPONA Z 150
	EPONA Z 220
	EPONA Z 320
	EPONA Z 460
	EPONA SA 220
	EPONA SA 320
SERIOLA	SERIOLA 32
PRIMERIA	PRIMERIA LPG 150

Product Range	Product
DACNIS	DACNIS 68
	DACNIS 100
	DACNIS 150
LUNARIA	LUNARIA FR 32
	LUNARIA FR 46
	LUNARIA FR 68
PRESLIA	PRESLIA 32
	PRESLIA 46
	PRESLIA 68
	PRESLIA 100
BARELF	BARELF CH 68
	BARELF CH 100
	BARELF SM 46
	BARELF SM 68
	BARELF AL 100
PLANETELF	PLANETELF ACD 32
	PLANETELF ACD 46
	PLANETELF ACD 68
	PLANETELF ACD 100 FY
	PLANETELF ACD 150 FY
	PLANETELF ACD 220 FY
CERAN	CERAN AD PLUS
	CERAN XM 100
	CERAN XM 220
MULTIS	MULTIS EP 0
	MULTIS EP 1
	MULTIS EP 2
	MULTIS MS 2
BIOHYDRAN	BIOHYDRAN TMP 32
	BIOHYDRAN TMP 46
	BIOHYDRAN TMP 68
	BIOHYDRAN TMP 100
CARTER BIO	CARTER BIO 68
	CARTER BIO 100
	CARTER BIO 150
	CARTER BIO 220
BIONEPTAN	CARTER BIO 320
	BIONEPTAN HT 100
	BIONEPTAN 100
	BIONEPTAN 150
BIO GREASES	BIONEPTAN 220
	BIOADHESIVE PLUS
	BIOMULTIS EP 2
	BIO OG PLUS

Adresse postale : 562 avenue du Parc de l'Île – 92029 Nanterre Cedex
 Tél.: +33 (0) 1 41 35 40 00

TOTAL LUBRIFIANTS – Société Anonyme au capital de 27 085 708 euros
 Siège social : 562 avenue du Parc de l'Île – 92029 Nanterre – France 552 006 454 RCS NANTERRE



TOTAL LUBRIFIANTS
Direction HSEQ-DD – Département Sécurité Produits

Nanterre, October 28th, 2020

SUPPLIER'S DECLARATION OF CONFORMITY FOR MATERIAL DECLARATION MANAGEMENT

SDoC Identification number : SDoC – LUBMAR - 20201028
Issuer's name TOTAL LUBRIFIANTS
Issuer's address 562, avenue du Parc de l'Île
92029 Nanterre CEDEX, France
Contact Person Cécile Libot
Tel : +33.1.41.35.43.70 **email :** cecile.libot@total.com

Object(s) of declaration All LubMarine Lubricants and greases

The object(s) of the declaration described above is in conformity with the following documents:

Document No.	Title	Edition / Issue date
MEPC.269(68)	Guidelines for the development of the Inventory of Hazardous Materials	2015/05/15
EU SRR	Regulation (EU) No 1257/2013	2013/11/20
EMSA	Best Practice Guide on the IHM	2016/10/28

Name and signature Cécile Libot
Function Regulatory Affairs Engineer Product
Name of Department HSEQ DD / Safety Department

This MD is to be completed in accordance with IMO Resolution MEPC.269(68) and should be accompanied by a Supplier's Declaration of Conformity (SDoC)

TOTAL Classification: Restricted Distribution

TOTAL - All rights reserved



TOTAL

Table	Material name		Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
				Yes / No	Mass	Unit	
Table A (materials listed in appendix 1 of the Convention)	Asbestos	Asbestos	0.1% *	No			
	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			
	Ozone Depleting Substance (ODS)	Chlorofluorocarbons (CFCs)	No threshold value	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
		1, 1, 1-Trichloroethane		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
		Methyl bromide		No			
	Anti-fouling systems containing organotin compounds as a biocide	e.g. Tributyltin (TBT)	2500 mg total tin/kg	No			
		e.g. Triphenyl tins (TPTs)		No			
e.g. Tributyltin oxide (TBTO)		No					
EU SRR **	Perfluorooctane sulfonic acid (PFOS)	10mg/kg	No				
Table	Material name		Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
				Yes / No	Mass	Unit	
Table B (materials listed in appendix 2 of the Convention)	Cadmium and cadmium compounds		100 mg/kg	No			
	Hexavalent chromium and hexavalent chromium compounds		1000 mg/kg	No			
	Lead and lead compounds		1000 mg/kg	No			
	Mercury and mercury compounds		1000 mg/kg	No			
	Polybrominated biphenyl (PBBs)		50 mg/kg	No			
	Polybrominated diphenyl ethers (PBDEs)		1000 mg/kg	No			
	Polychloronaphthalenes (Cl >=3)		50 mg/kg	No			
	Radioactive substances		No threshold value	No			
Certain shortchain chlorinated paraffins		1%	No				
EU SRR **	Brominated flame retardant (HBCDD)		100mg/kg	No			

* In accordance with regulation 4 of the IMO Hong Kong Convention, for all ships, new installation of materials which contain asbestos shall be prohibited. According to the UN recommendation "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" adopted by the United Nations Economic and Social Council's Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCGHS), the UN's Sub Committee of Experts, in 2002 (published in 2003), carcinogenic mixtures classified as Category 1A (including asbestos mixtures) under the GHS are required to be labelled as carcinogenic if the ratio is more than 0.1%. However, if 1% is applied, this threshold value should be recorded in the inventory and, if available, the Material Declaration and can be applied not later than five years after the entry into force of the Convention. The threshold value of 0.1% need not be retroactively applied to those Inventories and declarations.

** Additional materials to be listed, in accordance with Annex I and Annex II of the European Union Ship Recycling Regulation (Regulation (EU) No 1257/20

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MATERIAL DECLARATION (MD)

<Date of declaration>

Date	28/10/2020
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<Supplier (respondent) information>

Company name	GESERCO
Division name	Sales department
Address	9 rue Caroline Aigle, 33185 Le Haillan France
Contact person	Luc DARGENT
Telephone number	+33 5 56 34 92 29
Fax number	+33 5 56 34 9544
Email address	sales@geserco.fr
SDoC ID number	SD-GES-2020

<MD identification number>

ID-No.	SD-GES-2020
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<Other information>

Remark 1	Tech'Care onboard test kits delivered to vessels or customers supplied by TOTAL Lubmarine
Remark 2	
Remark 3	

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
Tech'Care range of onboard test kits, their reagents and spare parts				

<Materials information>

This materials information shows the amount of hazardous materials contained in

Unit	1
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 Unit: kg, m, m², m³, piece, etc.) of the product

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	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			
	Ozone Depleting Substance (ODS)	Chlorofluorocarbons (CFCs)	No threshold value	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	e.g. Tributyltin (TBT)	2500 mg total tin/kg	No			
		e.g. Triphenyl tins (TPTs)		No			
		e.g. Tributyltin oxide (TBTO)		No			
EU SRR **	Perfluorooctane sulfonic acid (PFOS)		10 mg/kg	No			

Table	Material name	Threshold value	Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
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Table B (materials listed in appendix 1 of teh convention)	Cadmium and cadmium compounds	100 mg/kg	100 mg/kg	No			
	Hexavalent chromium and hexavalent chromium compounds	1000 mg/kg	1000 mg/kg	No			
	Lead and lead compounds	1000 mg/kg	1000 mg/kg	No			
	Mercury and mercury compounds	1000 mg/kg	1000 mg/kg	No			
	Polybrominated biphenyl (PBBs)	50 mg/kg	50 mg/kg	No			
	Polybrominated diphenyl ethers (PBDEs)	1000 mg/kg	1000 mg/kg	No			
	Polychloronaphthalenes (Cl >=3)	50 mg/kg	50 mg/kg	No			
	Radioactive substances	No threshold value	No threshold value	No			
EU SRR **	Certain shortchain chlorinated paraffins	1%	1%	No			
	Brominated flame retardant (HBCDD)	100 mg/kg	100 mg/kg	No			



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R.C.S. BORDEAUX 732 045 687 | SIRET 732 045 687 00041 | APE 4669B | TVA FR37 732 045 687

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** Additional materials to be listed, in accordance with Annex I and Annex II of the European Union Ship Recycling Regulation (Regulation (EU) No 1257/20

This MD is to be completed in accordance with IMO Resolution MEPC.269(68) and should be accompanied by a Supplier's Declaration of Conformity (SDoC)



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SUPPLIER'S DECLARATION OF CONFORMITY FOR MATERIAL DECLARATION MANAGEMENT

1. SDoC Identification Number SD-GES-2020
2. Issuer's Name GESERCO
 Issuer's Address 9 RUE CAROLINE AIGLE
33185 LE HAILLAN
3. Object(s) of the Declaration Tech'Care range of onboard test kits, their reagents and spare parts
4. The object(s) of the declaration described above is in conformity with the following documents:

<u>Document No.</u>	<u>Title</u>	<u>Edition/Date of Issue</u>
<u>MEPC.269(68)</u>	<u>Guidelines for the development of the Inventory of Hazardous Materials</u>	<u>2015/05/15</u>
<u>EU SRR</u>	<u>Regulation (EU) No 1257/2013</u>	<u>2013/11/20</u>
<u>EMSA</u>	<u>Best Practice Guide on the IHM</u>	<u>2016/10/28</u>

5. Additional Information

6. Signed for and on behalf of


LUC DARGENT

LE HAILLAN, 28/10/2020

Place and date of Issue

7. LUC DARGENT - CEO

(Name, Function)



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 Fax : +33 5 56 34 95 44
 Mail : contact@geserco.fr

(Signature)

This SDoC is to be completed in accordance with IMO Resolution MEPC.269(68) and should be accompanied by one or more Material Declarations (MD)

	P/N
Spare packs for Tech'Care /Pro.2 kit	
<u>Basic Pack = 1 box containing:</u> - 1 x Lubmarine Reagent WT1/NH – 50 sachets - 2 x Lubmarine WT/BN Solution for WT1/NH – 500 ml - 1 x Lubmarine BN1 Solution - 500 ml	PP7102
<u>Super Pack = 1 box containing:</u> - 1 x Lubmarine Reagent WT1/NH – 50 sachets - 2 x Lubmarine WT/BN Solution for WT1/NH – 500 ml - 1 x Lubmarine BN1 Solution - 500 ml - 1 x pack of 10 x 5ml syringes - 1 x pack of 10 x 10 ml syringes	PP7103
<u>Consumable Pack = 1 box containing:</u> - 1 x pack of 10 x 5ml syringes - 1 x pack of 10 x 10 ml syringes - 1 x Lubmarine DP Solvent for cleaning test apparatus - 1 x pack of 5 conical testing tubes for sea water test - 1 x pack of 5 pipettes for sea water test	PP7104
Spare pack for Tech'Care /Std kit	
<u>1 box including :</u> - 1 x Lubmarine Reagent WT1/NH – 50 sachets - 1 x Lubmarine WT/BN Solution for WT1/NH – 500 ml	PS8102
Spare pack for Rapid Oil Test Gauge	
<u>1 box including :</u> - 1 x Heavy Duty reaction flask for ROTG - 1 x O'Ring for ROTG - 1 x USB cable - 1 x grease tube	PP7106
Spares and replenishments for Tech'Care/TCC kit	
- Complete replenishment pack for Tech'Care/TCC (50 tests) in a box	PT9103
- Precision Pipette for Tech'Care/TCC	IT9100
- Rapid Optical Oil Tester for iron test V3 <i>(available until stock is exhausted)</i>	IT9101
- Rapid Optical Oil Tester for iron test V4	IT9111
- Test carrousel	IT9102
Upgrade pack: Tech'Care/Std to Tech'Care/Pro.2	
- Upgrade Pack with Rapid Oil Test Gauge BN + WT, V5, c/w Heavy Duty reaction flask	PP7204

	P/N
Spare Parts and Reagents for WATER-TEST	
- Lubmarine Reagent WT1/NH – 50 sachets	WT1203
- Lubmarine Solution WT/BN – 500 ml	WT1205
- Rapid Oil Test Gauge (WT only), complete, V5, c/w Heavy Duty reaction flask	WT1209
- Heavy Duty reaction flask for Pressure Gauge & ROTG (with O'ring)	WT1154
- O'Ring, nitrile, 50 x 3 for Pressure gauge & ROTG	DP6150
Spares and Reagents for BN TEST	
- Lubmarine Reagent BN1 - 500 ml	BN2200
- Lubmarine Solution WT/BN – 500 ml	WT1205
- Rapid Oil Test Gauge (WT + BN), complete, V5, c/w Heavy Duty reaction flask	BN2111
- Heavy Duty reaction flask for Pressure Gauge & ROTG (with O'ring)	WT1154
- O'Ring, nitrile, 50 x 3 for Pressure gauge & ROTG	DP6150
Spares and Reagents for SEA WATER TEST	
- Lubmarine sea water in oil detection kit (30 tests)	RC3300
- Lubmarine set of 30 indicator papers for chlorides	RC3200
- Lubmarine Solution E – 500 ml	RC3201
- Lubmarine set of 5 conical testing tubes	RC3100
- Lubmarine set of 5 pipettes	RC3101
Spares and Reagents for SPOT TEST	
- Lubmarine complete kit for spot test in case (with ref. spots chart)	ET4102
- Lubmarine packet of 25 quick spot test papers	ET4200
- Lubmarine glass stirrer	DP9102
- Lubmarine carrier plate for quick spot test paper	ET4101
Spares and Reagents for VISCO-TEST	
- Lubmarine complete Visco-Test in case	VT5100
- Lubmarine pack of 100 cotton buds	VT5101
- Lubmarine pack of 10 x 5ml syringes	DP6106

	P/N
Miscellaneous Spares and Consumables	
- Lubmarine plastic beaker 50 ml	DP6101
- Lubmarine plastic beaker 100 ml	DP6102
- Lubmarine plastic beaker 150 ml	DP6103
- Lubmarine plastic beaker 250 ml	DP6104
- Lubmarine pack of 10 x 2ml syringe	DP6105
- Lubmarine pack of 10 x 5ml syringe	DP6106
- Lubmarine pack of 10 x 10ml syringe	DP6107
- Lubmarine grease tube – 60 g	DP6108
- Lubmarine Solvent DP for cleaning test apparatus	DP6133
- Battery for Rapid Oil Test Gauge and Rapid Optical Oil Tester	DP6151
- O'Ring. nitrile. 50 x 3 for Rapid Oil Test Gauge	DP6150
- USB cable for Rapid Oil Test Gauge and Rapid Optical Oil Tester	DP6152
Tech'Care kits	
Lubmarine - Malette Tech'Care/TCC testeur 4T - pipette de précision	TC9006
Lubmarine - Malette Tech'Care/Pro.2 - testeur 4T	TC7008
Lubmarine - Mallette Tech'Care/Coolant	BN5002
Lubmarine - Mallette Tech'Care/Coolant	TC4001