



# JPMA List of Registered Organotin-free / Cybutryne-free Anti-fouling Systems

Name of Manufacturer: **CHUGOKU MARINE PAINTS, LTD.**  
Tokyo Club Building, 3-2-6, Kasumigaseki, Chiyoda-ku, TOKYO

\*Continuation process must be taken every 3 years for each system.  
\*Registered Sytems Listed in alphabetical Order.

78 products registered as of 2024/06/21

Reg.No.	Name of anti-fouling system	Colour(s)	Type of anti-fouling system	CAS No.	Chemical name (IUPAC)	Dates of:	Registration Expiry	Manufactured in
01523	APPARE	Blue H, Red H, Black H, Light Red H	Self polishing type	1317-39-1	Cuprous oxide		2012/01/27	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2026/06/15	Others <input type="checkbox"/>
01211	CMP BIOCLEAR HB	Light Grey S, Red Brown S, Black S, Dark Blue S	Biocide-free silicon type	-	-		2007/05/28 2027/02/15	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01746	CMP BIOCLEAR N	Light Grey	Biocide-free silicon type				2020/07/29 2026/06/15	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01577	CMP BIOCLEAR PLUS	Black, Red Brown, Red Brown A	Foul Release Coating	14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2014/02/14 2025/02/17	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>
01643	CMP BIOCLEAR PLUS	Red Brown S	Foul Release Coatings	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2016/08/26	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2025/04/17	Others <input checked="" type="checkbox"/>
01213	CMP BIOCLEAR R	Light Grey, Red Brown, Black, Off White, Ruby Red	Biocide-free silicon type	-	-		2007/05/28 2025/06/16	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01678	CMP BIOCLEAR R PLUS	Red Brown, Plum	Foul Release Coating	14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2017/11/02 2026/08/17	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>
01484	CMP BIOCLEAR RS	Black	Biocide-free silicon type	-	-		2011/02/04 2025/06/16	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01365	MARINE STAR 30G	Green I, Blue I, Red Brown I, Silver White I, Red I, Green V, Red V, Blue V, Silver White V	Self polishing type	1317-39-1	Cuprous oxide		2009/04/03	Japan <input checked="" type="checkbox"/>
				330-54-1	3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea		2027/02/15	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01597	MARINE STAR A	White I, Blue I, Red Brown I, Green I, Red I, Black I	Self polishing type	1111-67-7	Cuprous Thiocyanate		2015/02/20	Japan <input checked="" type="checkbox"/>
				13463-41-7	Zinc-2-pyridinethiol-1-oxide		2026/10/26	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			

[NOTE] Registered products are recognised to be compliant with IMO "International Convention on the Control of Harmful Anti-fouling Systems on Ships".

Other properties of registered products, such as Anti-fouling performance or safety properties, are not recognized.

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01519	NEW KAIO	Red H, Light Red H, Blue H, Black H	Self polishing type	1317-39-1	Cuprous oxide		2012/01/27	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2026/06/15	Others <input type="checkbox"/>
01522	NEW KAIO 200	Light Red, Red Brown	Self polishing type	1317-39-1	Cuprous oxide		2012/01/27	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2026/10/26	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01671	NEW KAIO 300	Red, Blue, Black	Self polishing type	1317-39-1	Cuprous oxide		2017/06/16	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2026/06/15	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
00277	NEW KAMOME	Blue, Red	Conventional type	1317-39-1	Cuprous oxide		2004/05/21	Japan <input checked="" type="checkbox"/>
							2025/08/18	Others <input type="checkbox"/>
01592	NEW MARINE GOLD	White III, Blue III, Red Brown III, Green III, Red III, Black III	Self polishing type	1111-67-7	Cuprous Thiocyanate		2014/10/29	Japan <input checked="" type="checkbox"/>
				13463-41-7	Zinc-2-pyridinethiol-1-oxide		2026/10/26	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01564	NEW MARINE GOLD DX ALPHA	Red, Blue, Black	Self polishing type	122454-29-9	4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile		2013/08/22	Japan <input checked="" type="checkbox"/>
				13463-41-7	Zinc-2-pyridinethiol-1-oxide		2025/08/18	Others <input type="checkbox"/>
00288	NEW MARINE GOLD DX CLEAR	Clear	Self polishing type	-	-		2004/05/21	Japan <input checked="" type="checkbox"/>
							2027/06/21	Others <input type="checkbox"/>
01769	NEW MARINE GOLD DX PLUS	White, Blue, Green, Red, Black	Self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2021/03/04	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2027/02/15	Others <input type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01696	NEW PELLER CLEAN PLUS FINISH	Yellow Brown	Foul Release Coating	14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2018/02/16	Japan <input checked="" type="checkbox"/>
							2026/10/26	Others <input type="checkbox"/>
01725	NEW PELLER CLEAN PLUS FINISH R	Yellow	Biocide-free silicon type				2019/04/19	Japan <input checked="" type="checkbox"/>
							2025/02/17	Others <input type="checkbox"/>

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01620	SCREW AF COASTAL	Yellow Brown	Foul Release Coating	14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2015/08/21 2027/06/21	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
00206	SEA GRANDPRIX 1000	Red, Light Red	Self polishing type	1317-39-1 14915-37-8	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2004/06/21 2026/06/15	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>
01463	SEA GRANDPRIX 1000 L	Light Brown, Brown, Blue, Brown K, Light Brown K Brown H, Light Brown H, Blue H	Self polishing type	1317-39-1 14915-37-8	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2010/06/04 2025/02/17	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>
01255	SEA GRANDPRIX 200 R	Red, Light Red, Ogi Colour	Self polishing type	1317-39-1 14915-37-8 64359-81-5	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)- 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2008/01/30 2027/06/21	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01616	SEA GRANDPRIX 2000 A	Light Red, Red, Purple, Blue, Black (1st coat), Black (2nd coat), Light Red N, Red N, Red K, Light Red K, Blue K, Red H, Light Red H, Blue H, Light Brown H, Light Brown R, Red R	Self polishing type	1317-39-1 14915-37-8	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2015/06/19 2025/02/17	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>
01254	SEA GRANDPRIX 2000 S	Light Red, Red	Self polishing type	1317-39-1 14915-37-8 64359-81-5	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)- 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2008/01/30 2025/04/17	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01432	SEA GRANDPRIX 220 HS	Brown S, Light Brown S, Black S	Self polishing type	1317-39-1	Cuprous oxide		2009/11/20 2025/10/20	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>
01784	SEA GRANDPRIX 2200	Light Brown, Red, Blue, Black	Self polishing type	1317-39-1 14915-37-8	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2021/04/21 2026/04/20	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>
01320	SEA GRANDPRIX 500 HS	Red, Light Red, Purple, Red N, Light Red N	Self polishing type	1317-39-1 14915-37-8	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2008/11/27 2024/10/14	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>

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01321	SEA GRANDPRIX 500 M HS	Red, Light Red, Red K, Light Red K, Light Red N, Red N	Self polishing type	1317-39-1	Cuprous oxide		2008/11/27	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2025/08/18	Others <input checked="" type="checkbox"/>
01329	SEA GRANDPRIX 660 HS	Brown, Light Brown, Brown S, Light Brown S, Brown R, Light Brown R, Black S	Self polishing type	1317-39-1	Cuprous oxide		2009/01/20	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2025/10/20	Others <input checked="" type="checkbox"/>
01702	SEA GRANDPRIX 770 HS	Brown, Light Brown	Self polishing type	1317-39-1	Cuprous oxide		2018/06/15	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2027/06/21	Others <input checked="" type="checkbox"/>
01745	SEA GRANDPRIX 800 EX	Brown, Red	Self polishing type	1317-39-1	Cuprous oxide		2020/07/29	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2027/06/21	Others <input type="checkbox"/>
01625	SEA GRANDPRIX 880 HS	Light Brown, Brown	Self polishing type	1317-39-1	Cuprous oxide		2015/12/18	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2025/08/18	Others <input checked="" type="checkbox"/>
01759	SEA GRANDPRIX 880 HS PLUS	Light Brown, Brown, Brown A, Light Brown A	Self polishing type	1317-39-1	Cuprous oxide		2021/03/04	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2025/10/20	Others <input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01699	SEA GRANDPRIX 900 L	Brown, Light Brown	Self polishing type	1317-39-1	Cuprous oxide		2018/06/15	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2027/06/21	Others <input checked="" type="checkbox"/>
01698	SEA GRANDPRIX 950 L	Brown, Light Brown	Self polishing type	1317-39-1	Cuprous oxide		2018/06/15	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2027/06/21	Others <input checked="" type="checkbox"/>
01763	SEA GRANDPRIX CF-10 A	Blue N, Red N	Self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2021/03/04	Japan <input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole		2025/08/18	Others <input checked="" type="checkbox"/>
01764	SEA GRANDPRIX CF-10 L A	Light Red N, Red N	Self polishing type	14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2021/03/04	Japan <input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole		2025/08/18	Others <input checked="" type="checkbox"/>
01768	SEA GRANDPRIX FBX PLUS	White II	Self polishing type	64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2021/03/04	Japan <input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole		2027/02/15	Others <input type="checkbox"/>
00291	SEA GRANDPRIX FRP	Light Red H	Self polishing type	1317-39-1	Cuprous oxide		2004/05/21	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2027/06/21	Others <input type="checkbox"/>

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01552	SEA PREMIER 1000	Red, Light Red, Blue	Self polishing type	122454-29-9	4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile	2013/06/18 2025/04/17	Japan	<input checked="" type="checkbox"/>
				13463-41-7	Zinc-2-pyridinethiol-1-oxide		Others	<input checked="" type="checkbox"/>
01762	SEA PREMIER 1000 PLUS	Red N, Purple N, Blue N, Green	Self polishing type	14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-	2021/03/04 2027/02/15	Japan	<input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole		Others	<input type="checkbox"/>
01761	SEA PREMIER 1000 PLUS H	Light Red, Red	Self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide	2021/03/04 2027/02/15	Japan	<input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole		Others	<input type="checkbox"/>
01833	SEA PREMIER 1000 PLUS Z	Red, Light Red	Self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide	2023/02/17 2026/02/16	Japan	<input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole		Others	<input type="checkbox"/>
01722	SEA PREMIER 200	Red R, Light Red R	Self polishing type	1317-39-1	Cuprous oxide	2019/04/19 2025/02/17	Japan	<input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others	<input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01785	SEA PREMIER 2000 PLUS	Brown, Red, Red R, Brown R	Self polishing type	1317-39-1	Cuprous oxide	2021/04/21 2027/02/15	Japan	<input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others	<input type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01796	SEA PREMIER 3000	Red, Light Brown, Black, Blue	Self polishing type	1317-39-1	Cuprous oxide	2021/10/15 2026/12/14	Japan	<input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others	<input type="checkbox"/>
01772	SEA PREMIER 3000 PLUS 1	Light Brown, Red, Blue	Self polishing type	1317-39-1	Cuprous oxide	2021/03/04 2026/04/20	Japan	<input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others	<input type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01773	SEA PREMIER 3000 PLUS 2	Light Brown, Red, Black	Self polishing type	1317-39-1	Cuprous oxide	2021/03/04 2026/04/20	Japan	<input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others	<input type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			

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01617	SEA PREMIER 800 Z	Light Red, Red, Purple, Blue, Light Red N, Red N, Red H, Light Red H, Blue H, Light Brown H, Light Brown R, Red R	Self polishing type	1317-39-1	Cuprous oxide	2015/06/19 2025/02/17	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-			
01462	SEA PREMIER 850	Red, Light Red	Self polishing type	1317-39-1	Cuprous oxide	2010/06/04 2024/10/14	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-			
01674	SEA PREMIER CF Z	Light Red, Red	Self polishing type	122454-29-9	4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile	2017/08/25 2026/06/15	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>	
				13463-41-7	Zinc-2-pyridinethiol-1-oxide			
01591	SEAFLO NEO 500 Z	Red, Light Red, Brown, Light Brown	Self polishing type	1317-39-1	Cuprous oxide	2014/08/22 2026/10/26	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-			
01766	SEAFLO NEO CF PREMIUM	Light Red, Red, Light Red S, Red S, Light Red R, Red R	Self polishing type	14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-	2021/03/04 2025/08/18	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>	
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01788	SEAFLO NEO CF PREMIUM EX	Light Red R, Red R	Self polishing type	122454-29-9	4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile	2021/07/06 2025/08/18	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-			
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01626	SEAFLO NEO CF Z	Red, Light Red	Self polishing type	122454-29-9	4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile	2015/12/18 2024/10/14	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>	
				13463-41-7	Zinc-2-pyridinethiol-1-oxide			
01822	SEAFLO NEO CF Z	Light Red A, Red A	Self polishing type	122454-29-9	4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile	2022/06/17 2025/06/16	Japan <input checked="" type="checkbox"/> Others <input checked="" type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-			
01830	SEAFLO NEO CF Z SUPER	Red A	Self polishing type	122454-29-9	4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile	2022/12/13 2025/12/12	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-			
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			

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01776	SEAFLO NEO M1 PLUS	Light Brown, Brown	Self polishing type	1317-39-1	Cuprous oxide		2021/03/04	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2025/08/18	Others <input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01812	SEAFLO NEO SL M	Brown, Light Brown	Self polishing type	1317-39-1	Cuprous oxide		2022/02/18	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2025/08/18	Others <input checked="" type="checkbox"/>
01579	SEAFLO NEO SL Z	Brown, Light Brown, Brown K, Light Brown K, Brown H, Light Brown H, Blue	Self polishing type	1317-39-1	Cuprous oxide		2014/02/14	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2025/02/17	Others <input checked="" type="checkbox"/>
01770	SEAFLO NEO SL Z PLUS	Light Brown, Brown	Self polishing type	1317-39-1	Cuprous oxide		2021/03/04	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2025/08/18	Others <input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01827	SEAFLO NEO SNF-S	Brown H, Light Brown H	Self polishing type	1317-39-1	Cuprous oxide		2022/10/21	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2025/10/20	Others <input type="checkbox"/>
01629	SEAFLO NEO Z	Red N2, Light Red N2	Self polishing type	1317-39-1	Cuprous oxide		2016/02/18	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2024/10/14	Others <input checked="" type="checkbox"/>
01760	SEAFLO NEO Z PLUS	Light Red, Red	Self polishing type	1317-39-1	Cuprous oxide		2021/03/04	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2025/08/18	Others <input checked="" type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01771	SEAFLO NEO-S PREMIUM	Brown D	Self polishing type	1317-39-1	Cuprous oxide		2021/03/04	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2025/08/18	Others <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01580	SEAFLO NEO-S Z	Red, Light Red, Red N, Brown	Self polishing type	1317-39-1	Cuprous oxide		2014/02/14	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2026/10/26	Others <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			

[NOTE] Registered products are recognised to be compliant with IMO "International Convention on the Control of Harmful Anti-fouling Systems on Ships".

Other properties of registered products, such as Anti-fouling performance or safety properties, are not recognized.

\*Product name case is typed as on the application form.

This list was updated as of 2024/06/21



## JPMA List of Registered Organotin-free / Cybutryne-free Anti-fouling Systems

Name of Manufacturer: CHUGOKU MARINE PAINTS, LTD.

\*Continuation process must be taken every 3 years for each system.

\*Registered Sytems Listed in alphabetical Order.

Reg.No.	Name of anti-fouling system	Colour(s)	Type of anti-fouling system	CAS No.	Chemical name (IUPAC)	Dates of:	Registration	Manufactured
							Expiry	in
01360	SEAJET 033	Shark White I, Blue I, Red I, Black I	Self polishing type	1317-39-1	Cuprous oxide		2009/04/03	Japan <input checked="" type="checkbox"/>
				330-54-1	3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea		2026/10/26	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01789	SEAJET 033 PREMIUM	Blue I, Black I, Shark White I, Red I	Self polishing type	1317-39-1	Cuprous oxide		2021/07/06	Japan <input checked="" type="checkbox"/>
				330-54-1	3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea		2025/04/17	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01775	SEAJET 037	Pure White, Pure Black, Pure Red, Pure Blue	Self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2021/03/04	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2027/02/15	Others <input type="checkbox"/>
				86347-14-0	4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole			
01585	SEAJET 039	Ash Black H, Ash Blue H, Ash Grey H	Self polishing type	1317-39-1	Cuprous oxide		2014/04/11	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2026/06/15	Others <input type="checkbox"/>
01586	SEAJET 039	Ash Grey	Self polishing type	1317-39-1	Cuprous oxide		2014/04/11	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2025/10/20	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01487	SEATENDER 20	Light Brown, Brown, Black, Blue	Self polishing type	1317-39-1	Cuprous oxide		2011/03/24	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2025/12/12	Others <input checked="" type="checkbox"/>
01486	SEATENDER 7	Red Brown	Conventional type	1317-39-1	Cuprous oxide		2011/03/24	Japan <input checked="" type="checkbox"/>
							2025/12/12	Others <input checked="" type="checkbox"/>
01813	TFA-10A	Red, Light Red, Black	Self polishing type	1317-39-1	Cuprous oxide		2022/02/18	Japan <input checked="" type="checkbox"/>
							2025/02/17	Others <input checked="" type="checkbox"/>
01578	TFA-30	Silver white, Black, Red, Blue	Self polishing type	1317-39-1	Cuprous oxide		2014/02/14	Japan <input checked="" type="checkbox"/>
				330-54-1	3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea		2025/08/18	Others <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
00263	VINYL AF	Red Brown	Conventional type	1317-39-1	Cuprous oxide		2004/05/21	Japan <input checked="" type="checkbox"/>
							2024/10/14	Others <input type="checkbox"/>

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Other properties of registered products, such as Anti-fouling performance or safety properties, are not recognized.

\*Product name case is typed as on the application form.

This list was updated as of 2024/06/21