



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

(2021 amendment)

Name of Manufacturer: KANAE PAINT CO., LTD.

1-6-13, Hanaten-Higashi, Tsurumi-ku, Osaka-shi, OSAKA

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

*Registered Sytems Listed in alphabetical Order.

11 products registered as of 2025/10/17

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
00062	CLEAN TOP DELUXE	Clear	Biocide-free silicon type	-	-		2004/03/18 2027/12/17	Japan ☒ Others ☐
01859	KANAE PORT A/F #5000 TA-11	Red, AutumnRed, Brown, Blue, Black	Self-polishing type	1317-39-1 14915-37-8	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2024/08/23 2027/08/23	Japan ☒ Others ☐
01574	KANAE PORT A/F #5000msKAI	Red N, Brown N	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		2014/02/14 2026/02/16	Japan ☒ Others ☐
01573	KANAE PORT A/F #7000B KAI	Red N, Brown N, 808Blue N	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		2014/02/14 2026/02/16	Japan ☒ Others ☐
01748	KANAE PORT A/F CLEAN #2000 HD	Redbrown N	Ablative type	1317-39-1 330-54-1 64359-81-5	Cuprous oxide 3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2020/07/29 2026/06/15	Japan ☒ Others ☐
01749	KANAE PORT A/F CLEAN #4000	Redbrown N	Ablative type	1317-39-1 330-54-1 64359-81-5	Cuprous oxide 3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2020/07/29 2026/06/15	Japan ☒ Others ☐
01750	KANAE PORT A/F CLEAN #5000 M	White N	Self polishing type	64359-81-5 971-66-4	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one Pyridine-triphenylborane		2020/07/29 2026/06/15	Japan ☒ Others ☐
00014	KANAE PORT A/F CLEAN #5000 N-10	Red,Brown	Self polishing type	1317-39-1 14915-37-8	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2004/03/18 2027/12/17	Japan ☒ Others ☐
00003	KR-A/F N	Brown, D Brown	Conventional type	1317-39-1	Cuprous oxide		2004/03/18 2027/08/23	Japan ☒ Others ☐

[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 2025/10/17



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							Expiry	
01880	RE;OCEAN STAR	Red, AutumnRed, Brown, Black, Blue	Self-polishing type	1317-39-1	Cuprous oxide		2025/10/17	Japan ☒
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2028/10/16	Others ☐
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01860	RE;OCEAN ZERO	Red, AutumnRed, Brown, 808Blue	Self-polishing type	1317-39-1	Cuprous oxide		2024/08/23	Japan ☒
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2027/08/23	Others ☐
				330-54-1	3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea			

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