



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 2025/12/19

| 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 <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| 00003 | KR-A/F N | Brown, D Brown | Conventional type | 1317-39-1 | Cuprous oxide | | 2004/03/18 2027/08/23 | Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/> |

[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 2025/12/19



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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 <input checked="" type="checkbox"/> |
| | | | | 14915-37-8 | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)- | | 2028/10/16 | Others <input type="checkbox"/> |
| | | | | 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 <input checked="" type="checkbox"/> |
| | | | | 14915-37-8 | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)- | | 2027/08/23 | Others <input type="checkbox"/> |
| | | | | 330-54-1 | 3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea | | | |

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