



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

(2021 amendment)

Name of Manufacturer: WAKO CO.,LTD.

2-1-13 Honkawa-cho, Naka-ku, Hiroshima-shi, HIROSHIMA

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

*Registered Sytems Listed in alphabetical Order.

5 products registered as of 2026/08/21

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
01525	ECO AF-E	Red, Light Red, Brown Red	Effluent Control Antifouling Paint	1317-39-1	Cuprous oxide		2012/08/03	Japan ☐
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2027/06/21	Others ☒
01639	ECO AF-K	Blue 1	Effluent Control Antifouling Paint	1317-39-1	Cuprous oxide		2016/04/22	Japan ☐
				330-54-1	3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea		2027/12/17	Others ☒
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01524	ECO AF-S	Light Red, Brown Red	Effluent Control Antifouling Paint	1317-39-1	Cuprous oxide		2012/08/03	Japan ☐
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2027/06/21	Others ☒
01528	ECO AF-Z	Red	Effluent Control Antifouling Paint	330-54-1	3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea		2012/06/01	Japan ☐
				971-66-4	Pyridine-triphenylborane		2027/06/21	Others ☒
01529	ECO AF-Z	Blue	Effluent Control Antifouling Paint	330-54-1	3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea		2012/06/01	Japan ☐
				971-66-4	Pyridine-triphenylborane		2027/06/21	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 2026/08/21