Certificate No: LR26488550AF
Issue Date: 07/10/2026
Expiry Date: 06/10/2031

Recognised IMO AFS Convention Compliant Anti-Fouling Paint

Manufacturer	**Hempel A/S**
Address	Lundtoftegårdsvej 91, Kgs. Lyngby, 2800, Denmark
Product	**Hempel's XB 418**
Active Ingredients	4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT) CAS No 64359-81-5
Product Colours	59151 (brownish red)

This certificate is issued to the manufacturer named above. The anti-fouling paint is recognised to be compliant with the IMO International Convention on the Control of Harmful Anti-fouling Systems on Ships adopted in October 2001. This recognition does not cover other properties, such as anti-fouling performance, service life, safety or toxicity etc.

The recognition is subject to Lloyd's Register being informed of any changes in and modifications to the product's formulation, specification or place(s) of manufacture. Lloyd's Register reserves right to withdraw or re-issue this certificate upon any future amendments of the IMO Convention.

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Heather Hughes

Non-Metallics & Coatings Team Leader to
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Additional Manufacturers

Manufacturer	Hempel (Guangzhou) Coatings Ltd.
Address	No. 3 Canghai 4th Road, Yonghe District, Guangzhou Economic Technology Development District, Guangzhou, 511356, China

Manufacturer	Hempel (Portugal) S.A.
Address	Vale de Cantadores, Palmela, 2954-002, Portugal

Manufacturer	Hempel (Zhangjiagang) Coatings Ltd.
Address	No.8 Tianziwei Road, Deji Street, (Yangzijiang Chemical Industrial Park), Zhangjiagang City, Jiangsu, 215600, China

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