



# NIPPON KAIJI KYOKAI

## *Certificate*

Certificate No.  
TA18551E(N)

*OF*

### *APPROVAL*

Name of Product : Foam Concentrate  
Product name : FLUOR-FOAMOUSSE MARINE 3% F-15 #5315  
Product descriptions : 3% mixing ratio type low expansion foam concentrate for deck foam system of oil tankers as type B foam (regular foam) as defined in Chapter 17 of IMO IBC Code.  
Expansion Ratio : 4 to 9 times  
Physical Properties : As per attached.  
Chemical Components : As per attached.  
Manufacturer : Fabrik chemischer Präparate  
von Dr. Richard Sthamer GmbH & Co. KG  
Liebigstrasse 5, 22113 Hamburg, Germany  
Testing standard : IMO MSC.1/Circ.1312

THIS IS TO CERTIFY that the above-mentioned foam concentrate has been approved by Nippon Kaiji Kyokai with type approval No. N-1293, and that the products of the above type will be accepted for use onboard ships classed with the Society except Japanese flagged ships for compliance with the relevant requirements of the Society's *Rules for the Survey and Construction of Steel Ships* and those of the *International Convention for the Safety of Life at Sea, 1974, as amended*, subject to the approval of the flag Administration and conditional upon that product verification be carried out by the Society.

This certificate is valid until 14 June 2023.

Issued at Tokyo on 15 June 2018.

NIPPON KAIJI KYOKAI

  
H. Kobayashi  
General Manager  
Material and Equipment Department



Initial approval date: 15 June 2018

