



MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
415077-2020-AE-RGC-RvA

Initial certification date:
13 January, 2021

Valid:
16 December, 2022 – 13 January, 2024

This is to certify that the management system of

Nouryon Chemicals (Ningbo) Co., Ltd.

No. 1801 Middle Haitian Road, Ningbo Petrochemical Economic and Technological Development Zone, Xiepu Town, Zhenhai District, Ningbo, Zhejiang, China, 315204 and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:

ISO 14001:2015

This certificate is valid for the following scope:

Nouryon Integrated Supply Chain – Asia manufacture of Chelates, Ethylene Amines, Ethanol Amines, Ethylene Oxide, Glycols, Carbon Dioxide, Performance Additives, Surfactant, Organic Peroxides, Cumyl Hydroperoxide and Dicumyl Peroxide, Specialty Surfactants, Functional Organic Polymers, Colloidal Silica, Expancel® Microspheres, Monochloric Acetic Acid (Including Hydrochloric Acid and Sodium Hypochlorite), Colloidal Silica, Sodium Silicate, Potassium Silicate and Sodium Aluminate, Metal Alkyls

Place and date:
Shanghai, 16 December, 2022

For the issuing office:
**DNV - Business Assurance
Suite A, Building 9, No.1591 Hongqiao
Road, Changning District, Shanghai
200336, P.R. China
TEL: +86 21 32799000**



Zhu Hai Ming
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV Business Assurance B.V., Zwolseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnv.com/assurance

Appendix to Certificate

Nouryon Chemicals (Ningbo) Co., Ltd.

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Nouryon Chemicals (Ningbo) Co., Ltd.	No. 1801 Middle Haitian Road, Ningbo Petrochemical Economic and Technological Development Zone, Xiepu Town, Zhenhai District, Ningbo, Zhejiang, China, 315204	Manufacture of Chelates, Ethylene Amines, Ethanol Amines, Ethylene Oxide, Glycols, Carbon Dioxide, Performance Additives, Surfactant, Organic Peroxides, Cumyl Hydroperoxide and Dicumyl Peroxide, Expancel® Microspheres
Nouryon Chemicals (Boxing) Co., Ltd.	No.2, Huagong Road, Boxing Industrial Park, Binzhou, Shandong Province, China, 256500	Manufacture of Specialty Surfactants and Functional Organic Polymers
Nouryon Chemicals (Guangzhou) Co., Ltd.	No.61, Hongjing Road, East Section Guangzhou Economic & Technological Development District, Guangzhou, Guangdong Province, China, 510760	Manufacture of Colloidal Silica
Nouryon Chemicals MCA (Taixing) Co., Ltd.	No. 9 Binjiang Road, Taixing Economic Development Area, Taixing, Jiangsu, China, 225404	Manufacture of Monochloric Acetic Acid (Including Hydrochloric Acid and Sodium Hypochlorite)
Kayaku Nouryon Corporation	2935, Kohri, Sanyo-onoda-shi, Yamaguchi-Pref, Japan	Manufacture of Organic Peroxides
Nouryon Asia PTE. LTD. Taiwan Branch	No.9-2, You 6 Th RD., DaJia District, TaiChung, Taiwan, China 437	Manufacture of Colloidal Silica, Sodium Silicate, Potassium Silicate and Sodium Aluminate
Nouryon Surface Chemistry Pte. Ltd.	40, Jurong Island Highway, Singapore 627830, Singapore	Manufacture of Specialty Surfactants and Functional Organic Polymers
Nouryon Chemicals India Private Limited	Plot No.E-18,19,20 &C-61(Part/Part) MIDC Area, Mahad-Raigad, 402302 Maharashtra India	Manufacture of Organic Peroxides & Metal Alkyls