

# Certificate of Approval

This is to certify that the Management System of:

## Ashland, LLC

8145 Blazer Drive, Wilmington, DE, 19808, United States

has been approved by Lloyd's Register to the following standards:

### ISO 9001:2015

Approval number(s): ISO 9001 – 00008106

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

**The scope of this approval is applicable to:**

Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets and the Manufacture, Blending, and Supply of Maleic Anhydride, 1,4 Butanediol Tetrahydrofuran/Water Stream, Thermoset, Coatings, Binders, and Laminates.



**Cliff Muckleroy**

Area Operations Manager Americas

Issued by: Lloyd's Register Quality Assurance, Inc.

for and on behalf of: Lloyd's Register Quality Assurance Limited



# Certificate Schedule

Location	Activities
<p><b>Ashland Specialty Ingredients G.P.</b> 8145 Blazer Drive, Wilmington, DE, 19808, United States</p>	<p><b>ISO 9001:2015</b> Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.</p>
<p><b>Ashland LLC</b> 1745 Cottage Street, Ashland, OH, 44805, United States</p>	<p><b>ISO 9001:2015</b> Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.</p>
<p><b>ISP Freetown Fine Chemicals Inc.</b> 238 South Main Street, Assonet, MA, 02702, United States</p>	<p><b>ISO 9001:2015</b> Manufacture, Packaging and Distribution of Specialty and Fine Chemicals and Chemical Intermediates of Commercial Sale for use in Allied Chemical Industry.</p>
<p><b>Ashland LLC</b> 14303 Paxton Avenue, Calumet City, IL, 60409, United States</p>	<p><b>ISO 9001:2015</b> The Manufacture, Blending and Supply of Thermoset Solvent Based Adhesives, Coatings and Laminates.</p>
<p><b>ISP Chemicals LLC</b> 455 North Main Street, Calvert City, KY, 42029, United States</p>	<p><b>ISO 9001:2015</b> Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.</p>
<p><b>ISP Chemicals LLC</b> 116 Summitt Avenue, Chatham, NJ, 07928, United States</p>	<p><b>ISO 9001:2015</b> Manufacture of Preservatives and Allantoin for the Personal Care Industry and Industrial Preservatives.</p>



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<b>Ashland LLC</b> 802 Harmon Avenue, Columbus, OH, 43223, United States	<b>ISO 9001:2015</b> Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
<b>ISP Chemicals LLC</b> 1979 Atlas Street, Columbus, OH, 43228, United States	<b>ISO 9001:2015</b> Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
<b>Ashland Specialty Ingredients G.P.</b> 1111 Hercules Road, Hopewell, VA, 23860, United States	<b>ISO 9001:2015</b> Manufacture of Sodium Carboxymethyl Cellulose, Hydroxyethyl Cellulose, Hydroxypropyl Cellulose, Ethyl Cellulose, and Various Fluidized Polymer Systems.
<b>Ashland Specialty Ingredients G.P.</b> One Mill Street, Kenedy, TX, 78119, United States	<b>ISO 9001:2015</b> Manufacture of Guar Gum, Guar Derivatives, Cellulose Products and Rheology Modifiers.
<b>Ashland LLC</b> 100 Big Sandy River, Kenova, WV, 25530, United States	<b>ISO 9001:2015</b> Manufacture, Blending and Supply of Maleic Anhydride.
<b>ISP Lima LLC</b> 1220 South Metcalf Street, Lima, OH, 45804, United States	<b>ISO 9001:2015</b> Manufacture of 1,4 Butanediol and Tetrahydrofuran/Water Stream.
<b>Ashland Specialty Ingredients G.P.</b> 23 Snowden Avenue, Ossining, NY, 10562, United States	<b>ISO 9001:2015</b> Manufacture of Cosmetic Ingredients from Fresh Plants using Proprietary Zeta Fraction Technology.



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<b>Ashland Specialty Ingredients G.P.</b> 50 South Minnisink Avenue, Parlin, NJ, 08859, United States	<b>ISO 9001:2015</b> Manufacture of Hydroxyethyl Cellulose and Modified Hydroxyethyl Cellulose.
<b>Ashland LLC</b> 410 Old Pelzer Road, Piedmont, SC, 29673, United States	<b>ISO 9001:2015</b> Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
<b>Avoca LLC</b> 325 Deming Way, Summerville, SC, 29483, United States	<b>ISO 9001:2015</b> The Production of Stanol and Sterol Esters of Vegetable Oils for Food Ingredients.
<b>ISP Technologies Inc.</b> 4501 Attwater Avenue and State Highway 146, Texas City, TX, 77592, United States	<b>ISO 9001:2015</b> Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
<b>Wilmington Aquarius</b> 500 Hercules Road, Building 8159, Wilmington, DE, 19808, United States	<b>ISO 9001:2015</b> Manufacture of Excipients for Tablet Coating used in Pharmaceutical and Nutraceutical Industries.
<b>ISP Chemicals LLC</b> Industrial Road Building 5565, Huntsville, AL, 35804, United States	<b>ISO 9001:2015</b> Production and Distribution of Iron Pentacarbonyl and Carbonyl Iron Powder.
<b>Ashland Specialties Belgium BVBA</b> Haven 1920, B 9130, Doel-Beveren, Belgium	<b>ISO 9001:2015</b> Manufacture of Methyl Cellulose, Hydroxy Propyl Methyl Cellulose, and Methyl Hydroxy Ethyl Cellulose.



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<b>Ashland Industria de Ingredientes do Brasil Ltda.</b> Via das Painerais, 3864 Bairro Pinhal, Cabreuva, 13315-000, Brazil	<b>ISO 9001:2015</b> Production and Commercialization of Additives, Functional Blends and Ingredients to the Food Industry.
<b>Ashland Chemicals (Nanjing) Co., Ltd.</b> No. 198 Zhao Qiao He Road, Nanjing Chemical Industrial Park, Nanjing 210047, China	<b>ISO 9001:2015</b> Manufacture of Hydroxyethylcellulose (HEC) and Pharmaceutical Excipient.
<b>Ashland Industries France SARL</b> BP 12, Zone Industrielle Le Clos Pres, 27460 Alizay, France	<b>ISO 9001:2015</b> Manufacture of Sodium Carboxymethyl Cellulose and Various Fluidized Polymer Systems.
<b>Ashland Specialties France SARL</b> 655 Route Du Pin Montard, 06904 Sophia-Antipolis Cedex, France	<b>ISO 9001:2015</b> Industrialization, Manufacturing, Specification, and Distribution of Specialty Ingredients for Cosmetic Industries.
<b>Ashland Industries Nederland BV</b> Noordweg 9, 3336 LH Zwijndrecht, The Netherlands	<b>ISO 9001:2015</b> Manufacture of Hydroxy Ethyl Cellulose and Finished Product Application Testing.
<b>ISP Microcaps (UK) Ltd.</b> Unit 8-9, Stepnell Reach, Poole, Dorset, BH16 5BW, United Kingdom	<b>ISO 9001:2015</b> The Development, Manufacture and Supply of Products Based on Microencapsulation Technologies and Liquid Crystal Materials.
<b>Techwax Ltd</b> Unit 4b Whinbank Park, Whinbank Road, Newton Aycliffe, Co., Durham, DL5 6AY, United Kingdom	<b>ISO 9001:2015</b> Development, Manufacture and Supply of Oilfield Chemicals, Contract Manufacturing and Blending of Specialty Chemicals.



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Location	Activities
<b>Ashland Specialties UK Limited</b> Vale Industrial Estates, Kidderminster, DY117QU, United Kingdom	<b>ISO 9001:2015</b> The Manufacturing, Blending and Supply of Solvent Based, Water Based and Radiation Cured Adhesives, Coatings, Binders and Laminates.
<b>Ashland Finland Oy</b> Kilpilahti Industrial Area, FIN 06100 Porvoo, Finland	<b>ISO 9001:2015</b> Manufacture, Blending and Supply of Unsaturated Polyester Resins to the Composites Industry.

