

Date: September 18, 2019

Document #: 8393.6047.II190024

Company Name & Address: Ashland Specialty Ingredients, G.P. 8145 Blazer Drive Wilmington, Delaware 19808 USA

Plant Name & Address: ISP Chemicals LLC, 455 N Main St. Calvert City, Kentucky 42029 USA

Product Name	Product Code	Halal-ID	Product Certificate #
1. Acrylidone LM	826032	C75338	HC-19ASTI01
2. Advantage Plus	843131	C75369	HC-19ASTN02
3. Advantage Plus	826052	C75339	HC-19AST403
4. ANTARA 430	826208	A53231	HC-19AST304
5. ANTARON® SENSORY	886105	C31650	HC-19ASTB05
6. Butyrolactone	826675	C75342	HC-19ASTG08
7. Butyrolactone	881580	C75370	HC-19ASTM09
8. Butyrolactone	826677	C75343	HC-19ASTU10
9. Butyrolactone	826674	C75341	HC-19ASTA06
10. Butyrolactone	826673	C75340	HC-19ASTH07
11. Copolymer 845-O	827071	C75349	HC-19AS2B14
12. Copolymer 845-O	827070	C75348	HC-19AS2811

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827067	C75345	HC-19AS2F12
827069	C75347	HC-19AS1113
827068	C75346	HC-19ASSF16
827066	C75344	HC-19ASS715
827082	B73746	HC-19ASSE17
827875	C75350	HC-19ASSM18
828253	C75353	HC-19ASSG20
828252	C75352	HC-19ASSY21
828251	C75351	HC-19ASSL19
828261	C75360	HC-19ASSX22
828256	C75355	HC-19ASS125
828258	C75357	HC-19ASS524
	827067 827069 827068 827066 827082 827875 828253 828252 828251 828261 828256	827067 C75345   827069 C75347   827068 C75346   827066 C75344   827082 B73746   827875 C75350   828253 C75353   828252 C75352   828251 C75351   828261 C75360   828256 C75355

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Product Name	<b>Product Code</b>	Halal-ID	Product Certificate #
25. Gafquat 755	828255	C75354	HC-19ASS623
26. Gafquat 755	828257	C75356	HC-19ASS826
27. Gafquat 755	828259	C75358	HC-19ASS727
28. Gafquat 755	828260	C75359	HC-19ASTF28
29. Gafquat 755N-O	828279	C75363	HC-19ASUN31
30. Gafquat 755N-O	828278	C75362	HC-19ASTS29
31. Gafquat 755N-O	828277	C75361	HC-19ASUP30
32. GAFQUAT™ 755N	828263	C68636	HC-19ASUO38
33. GAFQUAT <sup>TM</sup> 755N	828268	C68641	HC-19ASUH37
34. GAFQUAT™ 755N	828266	C68639	HC-19ASU333
35. GAFQUAT™ 755N	828265	C68638	HC-19ASUM32
36. GAFQUAT™ 755N	828264	C68637	HC-19ASUB34

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Product Name	<b>Product Code</b>	Halal-ID	Product Certificate #
37. GAFQUAT™ 755N	828267	C68640	HC-19ASUA35
38. GAFQUAT™ 755N	828269	B55085	HC-19ASUI36
39. GAFQUAT™ HS-100	828291	C28322	HC-19ASUN39
40. GAFQUAT™ HS-100	828290	C68642	HC-19ASUV40
41. GANEX® SENSORY	886106	C31651	HC-19ASU241
42. GANTREZ AN-119	828340	A69726	HC-19ASZ142
43. GANTREZ ES-225	828360	A18225	HC-19ASZM44
44. GANTREZ ES-225	828359	C68643	HC-19ASZA43
45. GANTREZ ES-425	828365	A47417	HC-19ASVD45
46. GANTREZ ES-425	828364	C68644	HC-19AS1E46
47. GANTREZ ES-425	847106	C68700	HC-19AS1U47
48. GANTREZ ES-435	828370	B59954	HC-19AS1O48

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Product Name	<b>Product Code</b>	Halal-ID	Product Certificate #
61. POLECTRON 430	830886	C86384	HC-19ASXO26
62. POLYCLAR 10	878824	C68703	HC-19AS5965
63. POLYCLAR 10	830902	C68654	HC-19AS5W64
64. POLYCLAR 10	830897	C68651	HC-19AS5G63
65. POLYCLAR 10	830895	A46510	HC-19AS5462
66. POLYCLAR 10	830896	C68650	HC-19AS5P66
67. POLYCLAR 10	830900	C68652	HC-19AS1759
68. POLYCLAR 10	830903	C68655	HC-19AS1E60
69. POLYCLAR 10	830901	C68653	HC-19AS5T61
70. POLYCLAR V	830927	C68657	HC-19AS4X69
71. POLYCLAR V	830925	A66057	HC-19AS5L68
72. POLYCLAR V	830929	C68659	HC-19AS4770

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Product Name	Product Code	Halal-ID	Product Certificate #
73. POLYCLAR V	830928	C68658	HC-19AS5467
74. POLYCLAR V	830926	C68656	HC-19AS4S71
75. POLYCLAR VT	830932	A27255	HC-19AS4V74
76. POLYCLAR VT	830933	C68660	HC-19AS4F73
77. POLYCLAR VT	830934	C68661	HC-19AS4Z72
78. POLYPLASDONE XL	830965	C68663	HC-19ASPP77
79. POLYPLASDONE XL	830969	C68666	HC-19AS4Q75
80. POLYPLASDONE XL	830964	C68662	HC-19ASPQ76
81. POLYPLASDONE XL	830971	C68668	HC-19ASP280
82. POLYPLASDONE XL	830962	A77452	HC-19ASPX78
83. POLYPLASDONE XL	830974	C68671	HC-19ASPT79
84. POLYPLASDONE XL	830966	C68664	HC-19ASP181

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Product Name	<b>Product Code</b>	Halal-ID	Product Certificate #
85. POLYPLASDONE XL	830973	C68670	HC-19ASQ982
86. POLYPLASDONE XL	830968	C68665	HC-19ASQ883
87. POLYPLASDONE XL	851172	C68701	HC-19ASQG84
88. POLYPLASDONE XL	830970	C68667	HC-19ASQL86
89. POLYPLASDONE XL	830972	C68669	HC-19ASQF85
90. POLYPLASDONE XL-10	830976	A32807	HC-19ASQ791
91. POLYPLASDONE XL-10	878827	C68704	HC-19ASR492
92. POLYPLASDONE XL-10	830981	C68673	HC-19ASRC93
93. POLYPLASDONE XL-10	830982	C68674	HC-19ASQZ89
94. POLYPLASDONE XL-10	830983	C68675	HC-19ASQY90
95. POLYPLASDONE XL-10	830980	C68672	HC-19ASQT87
96. POLYPLASDONE XL-10	830984	C68676	HC-19ASQS88

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Product Name	Product Code	Halal-ID	Product Certificate #
97. PVP Iodine	831094	C75366	HC-19ASRB94
98. PVP Iodine	831093	C75365	HC-19ASRH95
99. PVP K-120	831100	C75367	HC-19ASRP96
100. PVP K-30	831148	C68680	HC-19ASSH04
101. PVP K-30	831149	C68681	HC-19ASS903
102. PVP K-30	831145	C68678	HC-19ASSA02
103. PVP K-30	831151	C68682	HC-19ASSN05
104. PVP K-30	831146	C68679	HC-19ASS501
105. PVP K-30	831143	B70440	HC-19ASSX98
106. PVP K-30	831153	C68683	HC-19ASSW99
107. PVP K-30	831144	C68677	HC-19ASR397
108. PVP K-30 PH	941379	C85818	HC-19AS8U90

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Product Name	Product Code	Halal-ID	Product Certificate #
109. PVP K-30 PI	941315	C85817	HC-19AS8Y89
110. PVP K-30 PI	831159	A81954	HC-19ASSM06
111. PVP K-30L	831181	C75368	HC-19ASS207
112. PVP K-90	831228	A14180	HC-19ASRF11
113. PVP K-90	906471	C68705	HC-19ASRM13
114. PVP K-90	831233	C68687	HC-19ASRN12
115. PVP K-90	836079	C68698	HC-19ASR308
116. PVP K-90	831230	C68685	HC-19ASRG10
117. PVP K-90	831236	C68690	HC-19ASR809
118. PVP K-90	831235	C68689	HC-19ASRZ16
119. PVP K-90	831232	C68686	HC-19ASR817
120. PVP K-90	831234	C68688	HC-19ASRS14

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Product Name	Product Code	Halal-ID	Product Certificate #
121. PVP K-90	836204	C68699	HC-19ASR115
122. PVP K-90	906647	C68706	HC-19ASR718
123. PVP K-90	831229	C68684	HC-19ASRE19
124. SURFADONE LP-100	831971	C68691	HC-19ASRE22
125. SURFADONE LP-100	831974	C68692	HC-19ASYC24
126. SURFADONE LP-100	831970	A91449	HC-19ASY423
127. SURFADONE LP-100	831975	C68693	HC-19ASR921
128. SURFADONE LP-100	831973	B80163	HC-19ASRA20
129. SURFADONE LP-300	831981	C68695	HC-19ASYI25
130. SURFADONE LP-300	831982	C68696	HC-19ASYH26
131. SURFADONE LP-300	831979	B28852	HC-19ASYO27
132. SURFADONE LP-300	831980	C68694	HC-19ASY528

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Product Name	<b>Product Code</b>	Halal-ID	Product Certificate #
133. ULTRATHIX P-100	832272	C68697	HC-19ASY930
134. ULTRATHIX P-100	832271	B73271	HC-19ASYA29

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