



## Product Portfolio Advanced Intermediates

# Advanced Intermediates – Product Portfolio

**Biesterfeld Spezialchemie** is one of the leading international distributors of specialty chemical products, pharma and food ingredients. The company offers extensive market knowledge and tailor-made, application-based technical advice across a diverse product portfolio focusing on the requirements of selected industries, including composites and tooling, personal care and cleaning, healthcare, paints and coatings, adhesives, polyurethane, construction, nutrition, food supplements, electric, electronic and energy.

**Biesterfeld Spezialchemie** is a division of the Biesterfeld Group, one of the world's leading distribution and service companies in the field of plastics, rubber and specialty chemicals. Founded in 1906 in Hamburg, Germany, today the fully family-owned company has more than 1000 employees across 50 locations in Europe, North and South America, Asia and Africa and generates an annual revenue of 1.4 billion EUR (FY 2021).

**Biesterfeld Spezialchemie** offers a wide range of products and intermediates for several industries, commonly used in organic synthesis, as shown below:

	Material	CAS-no.	EC-no.	Stock	REACH		
					Full	TII	Planned
1	(-)-Dibenzoyl-L-tartaric acid monohydrate	62708-56-9	613-072-9			•	
2	(-)-Di-p-anisoyl-L-tartaric acid	50583-51-2	672-585-6				•
3	1-(Methylamino)-2,2-dimethoxyethane	122-07-6	204-520-0			•	
4	1,1,3,3-Tetramethylguanidine	80-70-6	201-302-7	✓	•		
5	1,10-Dichlorodecane	2162-98-3	218-489-6			•	
6	1,2,4-Triazolo[4,3-a]pyridin-3 (2H)-one	6969-71-7	230-191-8			•	
7	1,3-Dichloro-5,5-dimethylhydantoin	118-52-5	204-258-7			•	
8	1,2-Phenylenediamine	95-54-5	202-430-6	✓	•		
9	1,3-Dimethylurea	96-31-1	202-498-7			•	
10	1,3-Phenylenediamine	108-45-2	203-584-7	✓		•	
11	1,4-Dibromobutane	110-52-1	203-775-5			•	
12	1-Azaphenothiazine	261-96-1	205-973-7			•	
13	1-Benzyl-4-piperidone	3612-20-2	222-782-4			•	
14	1-Bromo-3-chloropropane	109-70-6	203-697-1	✓		•	
15	1-Bromodecane	112-29-8	203-955-3			•	
16	1-Bromooctane	111-83-1	203-912-9			•	
17	1-Bromopropane	106-94-5	203-445-0			•	
18	1-Chloro-2-methylpropane	513-36-0	208-157-9			•	
19	1H-1,2,3-Triazole	288-36-8	608-262-3			•	
20	1-Phenyl-1-propanol	93-54-9	202-256-0			•	
21	1-Tetralone	529-34-0	208-460-6			•	
22	2-(2-Chloroethoxy)-ethanol	108-86-1	203-623-8			•	
23	2-(Acetoxymethoxy)-1,3-dichloropropane	89281-73-2	618-260-4			•	
24	2-(Diethylamino)-ethyl chloride HCl	869-24-9	212-786-4				•
25	2-(Piperazine-1-yl)-pyrimidine	20980-22-7	244-135-5	✓		•	
26	2,2,2-Trichloroacetamide	594-65-0	209-849-3			•	
27	2,2,2-Trifluoroethanol	75-89-8	200-913-6	✓	•		
28	2,2,2-Trifluoroethyl triflate	6226-25-1	612-977-6				•
29	2,3,3-Trimethylbenzoinidolenine	41532-84-7	255-429-8			•	
30	2,3,3-Trimethylindolenine	1640-39-7	216-685-6			•	
31	2,4,6-Trimethylaniline	88-05-1	201-794-3			•	
32	2,4-Dichlorobenzyl chloride	94-99-5	202-381-0	✓		•	
33	2,6-Lutidine	108-48-5	203-587-3	✓	•	•	
34	2-[(6,11-Dihydro-5H-dibenz[b,e]azepin-6-yl)methyl]-1H-isoindole-1,3-(2H)-dione	143878-20-0	629-841-7			•	

	Material	CAS-no.	EC-no.	Stock	REACH		
					Full	TII	Planned
35	2-[(Dimethylamino)-methyl]-1-cyclo-hexanone HCl	42036-65-7	700-355-8			•	
36	2-[N-(2-Aminobenzoyl)]-aminobenzoic acid	612-34-0	210-304-7	✓		•	
37	2-Amino-1-cyclopentene-1-carbonitrile	2941-23-3	917-554-2			•	
38	2-Amino-6-chloro-3-nitropyridine	27048-04-0	248-188-5			•	
39	2-Aminobenzylalcohol	5344-90-1	226-293-7			•	
40	2-Bromobutane	78-76-2	201-140-7			•	
41	2-Bromoisovaleric acid ethyl ester	609-12-1	210-178-3			•	
42	2-Bromothiophene	1003-09-4	213-699-4			•	
43	2-Chlorobenzoic acid	118-91-2	204-285-4			•	
44	2-Chlorobenzonitrile	873-32-5	212-836-5	✓		•	
45	2-Fluorobenzoyl chloride	393-52-2	206-887-2				•
46	2-Hydroxycyclohepta-2,4,6-trienone	533-75-5	208-577-2			•	
47	2-Hydroxyisobutyric acid	594-61-6	209-848-8			•	
48	2-Hydroxyquinoline-4-carboxylic acid	15733-89-8	239-827-9			•	
49	2-Norbornene-5,6-dicarboxylic anhydride	826-62-0	212-557-9			•	
50	2-Phenoxyethyl chloride	622-86-6	210-757-0			•	
51	3-(4-Chlorophenyl)-glutaric acid monoamide	1141-23-7	700-336-4			•	
52	3,4,5-Trimethoxybenzoic acid	118-41-2	204-248-2			•	
53	3,4-Dichloro-1,2,5-thiadiazole	5728-20-1	227-232-7			•	
54	3-Amino-1H-1,2,4-triazole	61-82-5	200-521-5	✓		•	
55	3-Aminocrotonic acid methyl ester	14205-39-1	238-056-5			•	
56	3-Aminopyridine	462-08-8	207-322-2	✓		•	
57	3-Bromoanisole	2398-37-0	219-264-5			•	
58	3-Chloro-1-propanol	627-30-5	210-992-9	✓		•	
59	3-Chloro-4-morpholino-1,2,5-thiadiazole	30165-96-9	250-077-1			•	
60	3'-Chloropropiophenone	34841-35-5	252-242-3			•	
61	3-Hydroxypyridine	109-00-2	203-637-4			•	
62	3-Methoxypropionitrile	110-67-8	203-790-7			•	
63	3-Methylpyridine	108-99-6	203-636-9	✓	•		
64	3-Nitrobenzoic acid	121-92-6	204-508-5	✓	•		
65	3-Oxocaproic acid ethyl ester	3249-68-1	221-835-9			•	
66	3-Trifluoromethylaniline	98-16-8	202-643-4	✓		•	
67	4-[(3'-Methylphenyl)-amino]-3-pyridinesulfonamide	72811-73-5	615-805-8			•	
68	4-(Dimethylamino)-pyridine	1122-58-3	214-353-5	✓	•		

	Material	CAS-no.	EC-no.	Stock	REACH		
					Full	TII	Planned
69	4-Acetamidobenzenesulfonyl chloride	121-60-8	204-485-1			•	
70	4-Amino-2-(trifluoromethyl)-benzonitrile	654-70-6	700-293-1			•	
71	4-Aminobenzoic acid	150-13-0	205-753-0	✓		•	
72	4-Aminobenzonitrile	873-74-5	212-850-1			•	
73	4-Aminophenol	123-30-8	204-616-2	✓		•	
74	4-Aminopyridine	504-24-5	207-987-9			•	
75	4-Bromoanisole	104-92-7	203-252-1			•	
76	4-Bromofluorobenzene	460-00-4	207-300-2	✓		•	
77	4-Chloro-3-pyridinesulfonamide	33263-43-3	251-434-4			•	
78	4-Chlorobenzhydryl chloride	134-83-8	205-158-6			•	
79	4-Fluorobenzylamine	140-75-0	205-430-4			•	
80	4-Hydrazinobenzenesulfonamide HCl	17852-52-7	479-480-2			•	
81	4-Hydroxy-3,5-dimethoxybenzaldehyde	134-96-3	205-167-5	✓			
82	4-Hydroxy-3-pyridinesulfonic acid	51498-37-4	257-243-2			•	
83	4-Hydroxybenzaldehyde	123-08-0	204-599-1	✓		•	
84	4-Hydroxybenzoic acid	99-96-7	202-804-9	✓		•	
85	4-Hydroxybenzophenone	1137-42-4	214-507-1	✓		•	
86	4-Hydroxybenzylalcohol	623-05-2	210-768-0			•	
87	4-Hydroxycoumarin	1076-38-6	214-060-2	✓	•	•	
88	4-Hydroxysalicylamide	3147-45-3	221-567-2			•	
89	4-Methoxybenzoic acid	100-09-4	202-818-5	✓	•	•	
90	4-Methoxybenzoyl chloride	100-07-2	202-816-4				•
91	4-Methylpiperidine	626-58-4	210-954-1			•	
92	4-Nitrobenzaldehyde	555-16-8	209-084-5			•	
93	4-Nitrobenzoic acid	62-23-7	200-526-2	✓		•	
94	4-Toluenesulfonic acid methyl ester	80-48-8	201-283-5	✓		•	
95	4-Toluic acid	99-94-5	202-803-3			•	
96	5-Aminosalicylic acid	89-57-6	201-919-1	✓		•	
97	5-Bromo-2-nitropyridine	39856-50-3	609-748-8			•	
98	5-Chloro-1-methyl-4-nitroimidazole	4897-25-0	225-521-2			•	
99	5-Chlorosalicylamide	7120-43-6	620-735-6	✓		•	
100	5-Phenyl-1H-tetrazole	18039-42-4	241-950-8	✓		•	
101	6-Chloro-o-toluidine	87-63-8	201-759-2			•	
102	6-Mercaptopurine monohydrate	6112-76-1	612-090-4			•	
103	6-Methoxy-1-tetralone	1078-19-9	214-078-0			•	

	Material	CAS-no.	EC-no.	Stock	REACH		
					Full	TII	Planned
104	7-(2-Bromoethyl)-theophylline	23146-05-6	245-454-2			•	
105	8-Azaspiro[4,5]decane-7,9-dione	1075-89-4	427-770-4	✓		•	
106	Acetamidomalonic acid diethyl ester	1068-90-2	213-952-9			•	
107	Acetonitrile	75-05-8	200-835-2	✓		•	
108	Anisole	100-66-3	202-876-1	✓		•	
109	Anthranilic acid	118-92-3	204-287-5				•
110	Atropic acid	492-38-6	207-753-6			•	
111	Benzamidinium chloride	1670-14-0	216-795-4			•	
112	Benzophenone	119-61-9	204-337-6	✓		•	
113	Benzyltriethylammonium chloride	56-37-1	200-270-1	✓		•	
114	Bromobenzene	108-86-1	203-623-8			•	
115	Bromoethane	74-96-4	200-825-8	✓		•	
116	Butyl anthranilate	7756-96-9	231-816-7	✓		•	
117	Cetyl bromide	112-82-3	204-008-7			•	
118	Chloralhydrate	302-17-0	206-117-5	✓	•		
119	Chloroacetaldehyde dimethylacetal	97-97-2	202-624-0			•	
120	Cinnamyl alcohol	104-54-1	203-212-3			•	
121	Crotonaldehyde	4170-30-3	224-030-0			•	
122	Cyclohexanecarboxylic acid	98-89-5	202-711-3			•	
123	Cyclopentyl chloride	930-28-9	213-212-5			•	
124	Cyclopropylmethanol	2516-33-8	219-735-5			•	
125	Cysteamine HCl	156-57-0	205-858-1	✓		•	
126	D-(-)-Tartaric acid	147-71-7	205-695-6	✓		•	
127	Diacetylacyclovir	75128-73-3	278-077-7			•	
128	Dibenzo-[b,f][1,4]-thiazepin-11(10H)-one	3159-07-7	608-646-0			•	
129	Dichloroacetic acid	79-43-6	201-207-0				•
130	Dimethyl 3-methylglutaconate	52313-87-8	257-839-2			•	
131	Dimethylammonium chloride	506-59-2	208-046-5			•	
132	Ethoxybenzene	103-73-1	203-139-7			•	
133	Ethyl 2-oxo-4-phenylbutanoate	64920-29-2	265-276-9			•	
134	Ethyl 4,4,4-trifluoroacetoacetate	372-31-6	206-750-7			•	
135	Ethyl acetoacetate	141-97-9	205-516-1			•	
136	Ethyl nicotinate	614-18-6	210-370-7			•	
137	Ethyl phenylacetate	101-97-3	202-993-8				•
138	Fumaric acid	110-17-8	203-743-0	✓	•		

	Material	CAS-no.	EC-no.	Stock	REACH		
					Full	TII	Planned
139	Geranylinalool	1113-21-9	214-201-8			•	
140	Guanine	73-40-5	200-799-8			•	
141	Hexachloroacetone	116-16-5	204-129-5			•	
142	Hexamethylenetetramine	100-97-0	202-905-8	✓	•		
143	Iodomethane	74-88-4	200-819-5	✓		•	
144	Isatoic anhydride	118-48-9	204-255-0	✓		•	
145	L-2-Amino-1-butanol	5856-63-3	227-476-4			•	
146	L-Cysteine HCl monohydrate	7048-04-6	615-177-8	✓			
147	L-Pyroglutamic acid	98-79-3	202-700-3	✓		•	
148	Maleic acid	110-16-7	203-742-5	✓	•		
149	Methyl acetoacetate	105-45-3	203-299-8			•	
150	Methyl anthranilate	134-20-3	205-132-4	✓		•	
151	Methyl benzilate	76-89-1	200-991-1			•	
152	Methyl methoxyacetate	6290-49-9	228-539-9			•	
153	Methyl valerate	624-24-8	210-838-0			•	
154	N-(2-Chloroethyl)-morpholine HCl	3647-69-6	222-881-2			•	
155	N-(2-Hydroxyethyl)-piperazine	103-76-4	203-142-3		•	•	
156	N-(2-Hydroxyethyl)-piperidine	3040-44-6	221-244-6			•	
157	N,N,N',N'-Tetramethylethylenediamine	110-18-9	203-744-6	✓		•	
158	N,N'-Carbonyldiimidazole	530-62-1	208-488-9	✓		•	
159	N,N'-Dicyclohexylcarbodiimide	538-75-0	208-704-1	✓		•	
160	Naphthalene-2-sulfonyl chloride	93-11-8	202-219-9	✓		•	
161	N-Benzylethanolamine	104-63-2	203-221-2	✓		•	
162	N-Benzyl-tert-butylamine	3378-72-1	222-179-6	✓		•	
163	N-Boc-piperazine	57260-71-6	611-489-0			•	
164	N-Bromosuccinimide	128-08-5	204-877-2	✓		•	
165	N-Ethylpiperazine	5308-25-8	226-166-6			•	
166	N-Hydroxysuccinimide	6066-82-6	228-001-3			•	
167	N-Methyl-3-phenyl-3-hydroxypropylamine	42142-52-9	255-679-8			•	
168	N-Methyl-4-piperidinol	106-52-5	203-406-8			•	
169	N-Methyl-4-piperidone	1445-73-4	215-895-5			•	
170	N-Methylbenzylamine	103-67-3	203-133-4			•	
171	N-Methylimidazol	616-47-7	210-484-7	✓	•		
172	N-Methylmorpholine	109-02-4	203-640-0	✓		•	
173	N-Methylpiperazine	109-01-3	203-639-5	✓		•	

	Material	CAS-no.	EC-no.	Stock	REACH		
					Full	TII	Planned
174	N-Methylurea	598-50-5	209-935-0			•	
175	Octopamine HCl	770-05-8	212-216-4			•	
176	Phenylhydrazine	100-63-0	202-873-5	✓		•	
177	Phenyltrimethylammonium chloride	138-24-9	205-319-0	✓		•	
178	Piperidine	110-89-4	203-813-0	✓	•		
179	Potassium iodide	7681-11-0	231-659-4	✓	•		
180	Propionic anhydride	123-62-6	204-638-2	✓		•	
181	Pyridine	110-86-1	203-809-9	✓	•		
182	Pyridinium bromide perbromide	39416-48-3	254-446-8			•	
183	Resorcinol	108-46-3	203-585-2	✓	•		
184	S-(-)-3-tert-Butylamino-1,2-propanediol	30315-46-9	250-125-1			•	
185	Salicylamide	65-45-2	200-609-3	✓		•	
186	Sodium amide	7782-92-5	231-971-0			•	
187	Sodium dimethyldithiocarbamate	128-04-1	204-876-7			•	
188	Sodium iodide	7681-82-5	231-679-3	✓	•		
189	Styrene oxide	96-09-3	202-476-7			•	
190	tert-Butyl bromoacetate	5292-43-3	226-133-6			•	
191	Tetrabutylammonium bromide	1643-19-2	216-699-2	✓	•		
192	Tetrabutylammonium hydrogen sulfate	32503-27-8	251-068-5	✓		•	
193	Thiophene-2-carboxylic acid	527-72-0	208-423-4			•	
194	trans-Cinnamic acid	140-10-3	205-398-1	✓		•	
195	Trichloroacetic acid	76-03-9	200-927-2		•		
196	Trichloroisocyanuric acid	87-90-1	201-782-8	✓		•	
197	Triethyl phosphonoacetate	867-13-0	212-757-6	✓		•	
198	Trifluoroacetic acid	76-05-1	200-929-3	✓	•		
199	Trifluoroacetic acid anhydride	407-25-0	206-982-9	✓	•	•	
200	Trifluoroacetic acid ethyl ester	383-63-1	206-851-6			•	
201	Trifluoroacetic acid isopropyl ester	400-38-4	206-922-1		•		
202	Trifluoroacetic acid methyl ester	431-47-0	207-074-5			•	
203	Trifluoroacetone	421-50-1	207-005-9	✓	•		
204	Trifluoromethanesulfonic acid	1493-13-6	216-087-5	✓	•		
205	Trifluoromethanesulfonic anhydride	358-23-6	206-616-8	✓	•		
206	Trimethylsulfoxonium iodide	1774-47-6	217-204-2	✓		•	
207	Triphenylmethanol	76-84-6	200-988-5			•	
208	Trometamol	77-86-1	201-064-4	✓	•		





## Imprint

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