

## INDEX OF NAMES

### A

Aaronson, 158, 226  
 Abel, 42, 194, 209, 253, 254, 255, 256,  
 295  
 Abrams, 370, 384, 387  
 Aguiar, 155, 156  
 Alexandrov, 184  
 Allen, 177, 182, 401  
 Alphonso XI, 30, 39  
 Angeli, 136, 427  
 Anklitzen, 29  
 Appier, 55  
 Aranaz, 182  
 Archer, 257  
 Arderne, 39  
 Ashdown, 311, 312, 380  
 Atlas Powder Company, 26, 46, 237,  
 406  
 Audot, 57, 58, 75, 97  
 Augendre, 358  
 Aunis, 390, 391  
 Austen, 184

### B

Bacon, 30, 35 ff.  
 Bailor, 439  
 Bain, 177, 396  
 Bate, 40, 53, 54, 74, 111  
 Bayen, 402  
 Becker, 134, 395  
 Beguinus, 401  
 Beilstein, 153, 155  
 Bell, 379  
 Belyaev, 206  
 Berl, 246, 247, 249  
 Bernadou, 296, 297  
 Berthelot, 14, 15, 23, 193, 209, 210,  
 294, 439, 442  
 Berthollet, 59, 357, 401  
 Berzelius, 248

Bichel, 23  
 Bickford, 12  
 Bielecki, 158  
 Blanchard, 370  
 Blanksma, 147  
 Bley, 251  
 Boerhaave, 29  
 Boeters, 162  
 Borlinetto, 166  
 Böttger, 244, 248, 249  
 Boulengé, 14  
 Braconnot, 245, 274  
 Brewster, 162  
 Broadbent, 170  
 Brock, 33, 59, 60, 61, 62  
 Bronstein, 276  
 Brown, 256  
 Browne, 18, 426  
 Brownsdon, 408  
 Brugère, 51  
 Brugatelli, 405  
 Brün, 282  
 Brunswig, 210  
 Burke, 37  
 Burton, 449  
 Busch, 137

### C

Cahours, 170  
 Calinaud, 172  
 Calvert, 162  
 Carl, 439  
 Carré, 160  
 Carstenjen, 408  
 Carter, 185  
 Cassius, 404  
 Chamot, 456, 457  
 Chardonnet, 257  
 Cheronis, 32, 33  
 Chertier, 62, 96, 97  
 Chesneau, 157

Chevreur, 164  
 Ciusa, 135  
 Claessen, 439  
 Clark, 65, 66, 83, 85, 86, 90, 91, 99,  
 105, 110, 112, 113, 114, 115, 116,  
 117, 123, 230, 231, 232, 444, 445,  
 446  
 Claus, 134  
 Cohorn, 30  
 Comey, 209  
 Constantine, 32  
 Converse, 297  
 Cook, 349  
 Cope, 23, 183, 417, 419, 422, 424, 432  
 Copisarow, 147  
 Couch, 380  
 Crater, 242  
 Crum, 252, 256, 270  
 Crum Brown, 127, 133  
 Curtius, 420, 426, 427  
 Cutbush, 59, 60

## D

Dame, 185  
 Darapsky, 426  
 Darmstädter, 155  
 Dautriche, 16, 17, 139, 153, 166, 282,  
 324, 337, 344, 360, 361  
 David, 38  
 Davis, 37, 119, 120, 133, 163, 177,  
 180, 182, 183, 188, 311, 312, 313,  
 321, 370, 374, 379, 380, 383, 384,  
 386, 387, 392, 402, 404  
 Davy, 402  
 de Bruyn, 134, 136, 349  
 de Chevraud, 357, 358  
 de Mosenthal, 331  
 de Vrij, 211  
 Debus, 42  
 Deck, 165  
 Delalande, 164  
 Demougin, 323  
 Dennis, 426  
 Dennstedt, 427  
 Denués, 357  
 Desmaroux, 311  
 Desparnets, 172

Desvergnés, 139, 172, 177, 181, 182  
 Dewar, 295  
 Dittmar, 395  
 Divers, 408  
 Divine, 354  
 Don Pedro, 30  
 Drake, 163  
 Drebbel, 401  
 DuCange, 30  
 Du Pont, 271  
 Du Pont, E. I., de Nemours and  
 Company, 142, 200, 201, 202, 300,  
 301  
 Dumas, 164, 250, 251  
 Dupré, 150, 164

## E

Ehrenberg, 408  
 Elderfield, 180, 386  
 Ensign-Bickford Company, 11, 13  
 Escales, 49, 50  
 Espenschied, 439  
 Everding, 150

## F

Faber, 66, 68, 85, 104, 122  
 Faraday, 248  
 Farmer, 181  
 Faveau, 323, 325  
 Favier, 157, 350, 351, 352, 391  
 Fielder, 355  
 Flick, 285  
 Florentin, 320, 321  
 Flurschein, 173  
 Foulon, 395  
 Fourcroy, 164, 402  
 Franchimont, 371, 393, 394, 395  
 Frei, 270  
 Friederich, 282, 285  
 Friedländer, 155

## G

Gäns, 49, 50  
 Gassmann, 155  
 Gay-Lussac, 405

Gé, 241  
 Geschwind, 151  
 Gibson, 127, 133  
 Giua, 137, 146, 149, 151, 166, 175, 182  
 Gladstone, 252  
 Globe, 44, 80, 91, 101, 108, 109, 110  
 Gnehm, 184  
 Göhlich, 427  
 Goldstein, 160  
 Goodyear, 327  
 Granger, 212, 213  
 Griesheim, 134, 153, 184  
 Griess, 443  
 Griffiths, 288  
 Grottanelli, 449  
 Grotz, 412  
 Grove, 248  
 Guthrie, 31

## H

Häckel, 273  
 Haid, 395, 432, 433, 434, 436  
 Hale, 394, 396, 397  
 Hall, 22, 23, 249, 339, 340, 341, 345,  
 391, 421  
 Hamilton, 125  
 Hammick, 136  
 Hantzsch, 136, 184  
 Hausmann, 164  
 Haussermann, 153, 184  
 Hawse, 242  
 Helmkamp, 163  
 Henning, 397  
 Hepp, 134, 135, 138, 146, 164  
 Hercules Powder Company, 203,  
 307, 337, 338, 339, 340, 342, 415,  
 416  
 Herlin, 210  
 Herschel, 248  
 Herz, 397, 398, 442  
 Hibbert, 207  
 Hippert, 60  
 Hlasiewetz, 243  
 Hock, 446  
 Hoefler, 34  
 Hoffman, 185, 242  
 Hoffmann, 446

Hofwimmer, 283  
 Holmes, 209  
 Hopper, 125, 165  
 Howard, 404, 405  
 Howell, 22, 23, 340, 356, 391, 421  
 Hyatt, 258  
 Hyronimus, 420, 421

## J

Jackson, 125, 170  
 Jahn, 159  
 Johnson, 288  
 Jones, 408  
 Julius, 155

## K

Kalk, 180  
 Kallinikos, 32  
 Kast, 164, 209, 238, 280, 432, 433,  
 434, 436  
 Kawita, 408  
 Kekulé, 228, 246, 247, 249  
 Kellner, 295  
 Kempf, 150  
 Kerone, 328  
 King, 160  
 Kirmreuther, 446  
 Kirsanov, 355  
 Kissel, 136  
 Klobbie, 371, 393  
 Knopp, 250  
 Knowles, 177  
 Koehler, 182, 266  
 Kögel, 137  
 Kremann, 135  
 Kuhlberg, 153, 155  
 Kunckel, 403, 404  
 Kurbatow, 155

## L

Langenscheidt, 177  
 Larnsen, 23  
 Laurent, 164  
 Lavoisier, 357  
 Le Chatelier, 348

Le Paire, 323, 325  
 Lefort, 357, 358  
 Leibowitz, 244  
 Lenze, 240, 420  
 Leo, 32, 33  
 Lheure, 164, 349  
 Liebig, 164, 195, 405  
 Linde, 355  
 Liouville, 169  
 Lorette, 311, 378  
 Lorrain, 40, 55, 56, 57, 74, 76, 111  
 Louis, 360  
 Lundholm, 295  
 Lunge, 270, 271

## M

Ma, 374  
 MacDonald, 162, 244, 248, 250, 251,  
 252, 253, 254  
 Mallard, 348  
 Malthus, 53  
 Marcus Graecus, 34, 39  
 Marquyrol, 131, 158, 160, 174, 266,  
 308, 309, 311, 320, 321, 378  
 Marshall, 18, 185, 186, 204, 225  
 Martin, 182, 411  
 Matter, 410, 420  
 Maynard, 257  
 McLean, 402  
 Meisenheimer, 136, 137  
 Mendeleev, 259  
 Mertens, 175, 179, 182, 184  
 Messius, 30  
 Mesue, 34  
 Mettegang, 16, 209  
 Metzger, 423  
 Meyer, 60, 61, 134, 136, 175, 394  
 Michler, 175, 179, 180  
 Millemete, 39  
 Molinari, 39, 152, 198  
 Monasterski, 242  
 Monath, 151  
 Moran, 229  
 Mowbray, 212, 213, 214  
 Munroe, 18, 19, 20, 22, 23, 206, 296,  
 339, 341, 345, 349, 422  
 Muraour, 146, 311, 390, 391, 436

## N

Naoúm, 158, 192, 194, 200, 210, 217,  
 218, 219, 221, 223, 225, 226, 233,  
 234, 235, 239, 279, 280, 281, 285,  
 337, 341, 342, 343, 344, 351, 352,  
 361, 364, 366  
 National Fireworks, Inc., 44, 77, 79,  
 80, 82, 91, 101, 108, 109, 110, 205  
 Nef, 408  
 Nernst, 391  
 Neumann, 20  
 Newton, 417  
 Nobel, 23, 198, 211, 212, 256, 293,  
 294, 295, 331, 332, 333, 334, 335,  
 413, 417  
 Noble, 42  
 Nölting, 135  
 Norrbín, 335  
 Norton, 53

## O

Oesper, 29  
 Ohlsson, 335  
 Öhman, 228  
 Olsen, 160, 263, 264, 265, 328  
 Opolski, 184  
 Ott, 432  
 Otto, 248, 250

## P

Patart, 389, 390, 391  
 Pattinson, 179  
 Patzig, 137  
 Paul, 356  
 Peace, 204, 225  
 Pelouze, 195, 196, 245, 246, 250, 251  
 Pepys, 401  
 Perkin, 204  
 Pfaundler, 243  
 Pfeiffer, 151  
 Philip, 408  
 Phillips, 164, 387  
 Pictet, 155, 241, 243  
 Piria, 164  
 Pitman, 271

Pliny, 35  
 Prentice and Co., 253  
 Prettre, 323, 325

## Q

Quartieri, 39, 152, 198

## R

Ramy, 162  
 Raschig, 50  
 Rave, 278  
 Reid, 288  
 Reilly, 243, 269  
 Revelations, 38  
 Révy, 253  
 Rice, 356  
 Rinkenbach, 152, 158, 181, 224, 225,  
 226, 333, 341, 408, 431, 432, 433,  
 434, 449  
 Robiquet, 164  
 Rodman, 23  
 Rosenquist, 392  
 Roth, 446  
 Roussin, 155  
 Ruggieri, 58, 59, 60, 61, 62  
 Rusch, 49

## S

Sachs, 135, 150  
 Saint Louis, 33  
 Sakellarios, 228  
 Sarti, 59  
 Sastry, 136  
 Sayers, 295  
 Schepers, 178  
 Schereschewsky, 125  
 Schladt, 68  
 Schlenck, 136  
 Schönbein, 244, 247, 248, 250, 251,  
 252  
 Schück, 212  
 Schultze, 287, 288  
 Schwarz, 29, 30  
 Shaw, 29, 30, 32  
 Shems ed Din Mohammed, 39  
 Sherrick, 349, 356

Silberrad, 164  
 Silliman, 31  
 Silmann, 244  
 Silver, 125  
 Sixsmith, 136  
 Smith, 447  
 Snelling, 22, 204, 340, 391, 422, 423,  
 424  
 Sobrero, 195, 196, 197, 198, 211, 244  
 Sohlman, 212  
 Sommerhoff, 135  
 Soubeiran, 438  
 Sparre, 170  
 Sprengel, 166, 353, 354, 355  
 Staudinger, 402  
 Steele, 360  
 Steiner, 408  
 Steinert, 135  
 Stenhouse, 164, 236  
 Stettbacher, 173, 187, 209, 278, 281,  
 283, 284, 449  
 Storm, 23, 204, 205, 296, 353, 417,  
 419, 422, 424, 432  
 Strecker, 374  
 Street, 157, 358  
 Sudborough, 135  
 Symmes, 192, 234, 337

## T

Taylor, 152, 181, 183, 224, 248, 249,  
 251, 333, 341, 408, 422, 431, 432,  
 433, 434, 451, 452  
 Teschemacher, 252  
 Tessier, 62, 63, 70, 83, 84, 93, 94, 95,  
 96  
 Theodorovits, 407  
 Theophanes, 32  
 Thiele, 394  
 Thölde, 400  
 Tibbits, 328  
 Tiemann, 153  
 Tiffany, 23  
 Tollens, 278  
 Tonkin, 253  
 Trojan Powder Company, 20, 205,  
 274, 423  
 Troxler, 307

Turek, 436  
Turpin, 166, 354, 355

## U

Ullmann, 151, 158  
Ulpiani, 378  
Urbanski, 273  
Ure, 31

## V

Valentine, 400, 401  
van Duin, 21, 173, 177  
van Leent, 136  
van Romburgh, 147, 175, 178, 179,  
182, 183  
van Valkenburgh, 439  
Vauquelin, 164  
Vecchiotti, 136  
Vender, 222  
Vennin, 157  
Vergnaud, 100  
Verneuil, 439  
Verola, 152  
Vieille, 14, 292, 294, 295, 307, 387,  
388, 389, 439, 442  
Voegtlin, 125  
Vogel, 241  
von Herz, 229, 397, 398, 442  
von Lenk, 250, 253, 254, 287

## W

Wallbaum, 441  
Waller, 276

Wasmer, 227  
Watson, 39  
Weingart, 66, 71, 72, 85, 87, 88, 93,  
99, 100, 112, 120, 121  
Welter, 164  
Werner, 379  
Western Cartridge Company, 26,  
261, 262, 265, 288, 291, 319, 328,  
329  
Whitehorne, 39  
Wickelhaus, 155  
Wieland, 228  
Wigand, 278  
Wilbrand, 153  
Will, 147, 164, 209, 216, 240, 420  
Williams, 387  
Willstätter, 180  
Wisliscenus, 426  
Wohl, 391  
Wöhler, 119, 164, 407, 408, 410, 411,  
419, 420, 421  
Wolfenstein, 162  
Worden, 258  
Worral, 163  
Woulff, 163  
Wride, 177  
Wyler, 242

## Y

Yelland, 374  
Young, 163  
Yuzefovich, 206