

VI. LITERATURVERZEICHNIS

- [1] Davy, H., *Philos. Trans. Roy. Soc.*, 88, 39, **1809**
- [2] Rose, H., *Poggendorffs. Ann.*, 3, 441, **1825**
- [3] Swarts, F., *Bull. Acad. Roy. Belgique*, 3, 29, 874, **1895**
- [4] Henne, A.L., Trott P., *J. Amer. Chem. Soc.*, 69, 1820, **1947**
- [5] McNary, R.R., *A.P. 1934943*, 14 Nov. **1931**, übertragen an Frigidaire Corp., *Frigidaire Corp. F. P.*, 732320, 25 Jan. **1932**
- [6] Seppelt, K., *Angew. Chem.*, 88, 410, **1976**; *Angew. Chem. Int. Ed.*, 15, 377, **1976**
- [7] Seppelt, K., *Z. Anorg. Allg. Chem.*, 434, 5, **1977**
- [8] Wurtz, A., *Ann. Chim. Phys.*, 20, 472, **1847**
- [9] Seppelt, K., *Angew. Chem.*, 88, 806, **1976**, *Angew. Chem. Int. Ed.*, 15, 766, **1976**
- [10] Gillespie, R.J., Nyholm, R.S., *Q. Rev. Chem. Soc.*, 11, 339, **1957**
- [11] Clark, D., Powell, H.M., Wells, A.F., *J. Chem. Soc.*, 642, **1942**
- [12] Ohlberg, S. M., *J. Amer. Chem. Soc.*, , 81, 811, **1959**
- [13] Bues, W., Demiray, F., Brockner, W., *Spectrochim. Acta*, Vol. 30A, 1709, **1974**
- [14] Schäfer, H., Kahlenberg, F., *Z. Anorg. Allg. Chem.*, 305, 327, **1960**
- [15] Thilo, E., Flögel, P., *Angew. Chem.*, 69, 754, **1957**; *Z. Anorg. Allg. Chem.*, 329, 244, **1964**
- [16] Hecht, H., Jander, G., Schlapmann, H., *Z. Anorg. Allg. Chem.*, 254, 255, **1947**
- [17] Dehnicke, K., *Z. Anorg. Allg. Chem.*, 312, 237, **1961**
- [18] Weidlein, J., *Diplomarbeit*, Technische Hochschule Stuttgart, **1962**
- [19] Dehnicke, K., *Angew. Chem.*, 76, 385, **1964**, *Angew. Chem. Int. Ed.*, 3, 448, **1964**
- [20] Benfield, F.W.S., Down, A.J., Gaskill, G.P., Staniforth, S.E., *J. Chem. Soc. Chem. Comm.*, 856, **1976**
- [21] Haase, W., *Chem. Ber.*, 107, 1009, **1974**
- [22] Seppelt, K., Lentz, D., Eysel, H., *Z. Anorg. Allg. Chem.*, 439, 5, **1978**
- [23] Seppelt, K., Haupt, S., *Z. Anorg. Allg. Chem.*, 626, 1778, **2000**
- [24] Dehnicke, K., Aeissen, H., Kölmel, M., Strähle, J., *Angew. Chem.*, 8, 89 Jahrg., 569, **1977**
- [24a] Noyes, *Syntheses*, 1, 65, **1939**; Fischer, J., *Dissertation*, Techn. Hochschule München, **1967**; Bayersdorfer, L., Engelhardt, U., Fischer, J., Höhne, K., Jander, J., *Z. Anorg. Allg. Chem.*, 366, 169, **1969**
- [24b] Passmore, J., Klapötke, T.M., *Acc. Chem. Res.*, 22, 234, **1989**

- [25] Christe, K.O., Maya, W., *Inorg. Chem.*, 8, 1253, **1969**
- [26] Wamser, C.A., Fox, W.B., Sukornick, B., Holmes, J.R., Steward, B.B., Juurik, R., Vanderkooi, N., Gould, D., *Inorg. Chem.*, 8, 1249, **1969**
- [27] Brumm, M., Frenking, G., *Chem. Phys. Lett.*, 182, 3,4, **1991**
- [28] Minkwitz, R., Bernstein, D., *Z. Anorg. Allg. Chem.*, 580, 109, **1990**
- [29] Skinner, H.A., Sutton, L.E., *Trans. Faraday. Soc.*, 36, 668, **1940**
- [30] Zalkin, A., Sands, D., *Acta Cryst.*, 11, 615, **1958**
- [31] Ruff, Schiller, *Z. Anorg. Allg. Chem.*, 72, 329, **1911**
- [32] Edwards, A.J., *Inorg. Chem.*, 3714, **1964**
- [33] Braune, H., Pinnow, P., *Z. Phys. Chem.*, B35, 239, **1937**; Brockway, L.O., Beach, J.Y., *J. Amer. Chem. Soc.*, 60, 1836, **1938**; Gutowsky, H.S., McCall, D.W., Slichter, C.P., *J. Chem. Phys.*, 21, 279, **1953**
- [34] Hansen, K.W., Bartell, L.S., *Inorg. Chem.*, 4, 12, 1775, **1965**
- [35] Mootz, D., Wiebcke, M., *Z. Anorg. Allg. Chem.*, 545, 39, **1987**
- [36] Sands, D.E., Zalkin, A., *Acta Cryst.*, 12, 723, **1959**
- [37] Beck, J., Wolf, F., *Acta Cryst.*, B53, 895, **1997**
- [38] Muetterties, E.L., Guggenberger, L.J., *J. Amer. Chem. Soc.*, 96, 1748, **1974**
- [39] Sacconi, L., *Pure Appl. Chem.*, 17, 95, **1968**
- [40] Berry, R.S., *J. Chem. Phys.*, 32, 933, **1960**
- [41] Gillespie, P., Hoffmann, P., Klusacek, H., Marquarding, D., Pfohl, S., Ramirez, F., Tsolis, E.A., Ugi, I., *Angew. Chem.*, 83, 691, **1971**
- [42] Köhler, J., Simon, A., *Z. Anorg. Allg. Chem.*, 575, 55, **1989**
- [43] Smith, D.F., *Science*, **1963**, 141, 1039
- [44] Burbank, R.D., Bensey jr., F.N., *J. Chem. Phys.*, 27, 982, **1957**
- [45] Burbank, R.D., Jones, G.R., *Inorg. Chem.*, 13, 1071, **1974**
- [46] Seppelt, K., Hwang, I.C., *Angew. Chem.*, **2001** im Druck
- [47] Minkwitz, R., Konikowski, D., Preut, H., *Z. Naturforschung*, 49b, 1, **1994**; Preiss, H., *Z. Chem.*, 6, 350, **1966**
- [48] Edwards, A.J., *J. Chem. Soc.*, 3714, **1964**
- [49] Edwards, A.J., Peacock, P.D., Small, R.W.H., *J. Chem. Soc.*, 644, **1964**
- [50] Edwards, A.J., *J. Chem. Soc.*, (A) 909, **1969**
- [51] Edwards, A.J., Jones, G.R., *J. Chem. Soc.*, (A), 1651, **1969**
- [52] Mitchell, S.J., Holloway, J.H., *J. Chem. Soc.*, (A), 2789, **1971**
- [53] Bartlett, N., Einstein, F., Stewart, F., Trotter, J., *Chem. Comm.*, 550, **1966**

- [54] Garyeller, P., Larson, A.C., Peterson, P., Ensor, D.D., Young, J.P., *Inorg. Chim. Acta*, 37, 129, **1979**
- [55] Taylor, J.C., Waugh, A.B., *J. Sol. Stat. Chem.*, 35, 137, **1980**
- [56] Beattie, I.R., Ozin, G.A., *J. Chem. Soc. A*, 1691, **1969**
- [57] Brockner, W., Cyvin, S.J., Hovdan, H., *Inorg. Nucl. Chem. Lett.*, 11, 171, **1975**
- [58] Pebler, J., Schmidt, K., Nadler, H.G., Dehnicke, K., *Z. Anorg. Allg. Chem.*, 427, 166, **1976**
- [59] Olie, K., Smitskamp, C.C., Gerding, H., *Inorg. Nucl. Chem. Lett.*, 4, 129, **1968**
- [60] DSC
- [61] Müller, U., *Acta Cryst.*, A 34, 256, **1978**
- [62] Heimbürger, R., Leroy, M.J.F., *Spectrochim. Acta*, 31A, 653, **1975**
- [63] Beattie, I.R., Gilson, T.R., *J. Chem. Soc.*, A, 2765, **1968**
- [64] Seppelt, K., Haupt, S., *Z. Anorg. Allg. Chem.*, **2002**, im Druck
- [65] Rose, H., *Poggendorffs Ann.*, 52, 62, **1841**
- [66] Biltz, W., Meinecke, E., *Z. Anorg. Allg. Chem.*, 131,1, **1923**
- [67] Sandoval, A.A., Moser, H.C., Kiser, R.W., *J. Phys. Chem.*, 67, 124, **1963**
- [68] Foffani, A., Pignataro, S., Distefano, G., Innorta, G., *J. Organomet. Chem.*, 7, 473, **1967**
- [69] Halmann, M., Klein, Y., *J. Chem. Soc.*, 4324, **1964**
- [70] Cullen, W.R., Frost, D.C., *Can. J. Chem.*, 40, 390, **1962**
- [71] Potts, W., Lempha, H.L., Streets, G.D., Price, W.C., *Philos. Trans. Roy. Soc. (London)*, A268, 59, **1970**
- [72] Lee, T.H., Rabelais, J.W., *J. Chem. Phys.*, 60, 1172, **1974**
- [73] Tornieporth – Oetting, I.C., Klapötke, T.M., *J. Chem. Soc. Chem. Commun.*, 132, **1990**
- [74] Fagnou, K., Lautens, M., *Angew. Chem.*, **2002**,
- [75] Kolditz, K., *Z. Anorg. Allg. Chem.*, 289, 128, **1957**
- [76] Dehnicke, K., Weidlein, J., *Chem. Ber.*, 98,1087, **1965**
- [77] Preiss, H., *Z. Chem.*, 6, 350, **1966**
- [78] Minkwitz, R., Konikowski, D., Preut, H., *Z. Naturforschung*, 49b, 1, **1994**
- [79] Kolditz, L., Schultz, S., *J. Fluor. Chem.*, 5, 141, **1975**
- [80] Schumann, H., Genthe, W., Hahn, E., Hossein, M.B., v.d. Kelm, D., *J. Organomet. Chem.*, 28, 2561, **1986**
- [81] Sheldrick, G.M., Program for Crystal Structure Solution, Universität Göttingen, **1986**

- [82] Sheldrick, G.M., Program for Crystal Structure Solution, Universität Göttingen, **1997**
- [83] Program GAUSSIAN 94, M. J. Frisch, G. W. Trucks, H. B. Schlegel, P. M. W. Gill, B. G. Johnson, M. A. Robb, J. R. Cheeseman, T. Keith, G. A. Peterson, J. A. Montgomery, K. Raghavachari, M. A. Al-Laham, V. G. Zakrzewski, J. V. Ortiz, J. B. Foresman, J. Cioslowski, B. B. Stefanov, N. Nanayakkara, M. Challacombe, C. Y. Peng, P. Y. Ayala, W. Chen, M. W. Wong, J. L. Andres, E. S. Replogle, R. Gomperts, R. L. Martin, D. J. Fox, J. S. Brinkley, D. J. Defrees, J. Baker, J. P. Stewart, M. Head-Gordon, C. Gonzalez, J. A. Pople, Gaussian, Inc., Pittsburgh, PA (USA), **1999**
- [84] Dolg, M., Wedding, U., Stell, H., Preiss, H., *J. Chem. Phys.*, **1987**, 86, 866
- [85] Hay, P. J., Wadt, W. R., *J. Chem. Phys.*, **1985**, 82, 299,
Basis sets were obtained from the Extensible Computational Chemistry Environment Basis Set Database, Version 1.0, as developed and distributed by the Molecular Science Computing Facility, Environmental and Molecular Science Laboratory which is part of the Pacific Northwest Laboratory, P.O. Box 999, Richland, Washington 99352, USA, and funded by the US Department of Energy.
- [86] Christie, K. O., Wilson, W. W., Dixon, D. A., Boatz, J. A., *J. Amer. Chem. Soc.*, **1999**, 121, 3382
- [87] Dunken, H., Haase, W., *Z. Chem.*, **1963**, 3, 433, *Z. Chem.*, **1964**, 34, 156
- [88] Ivashkevich, L.S., Ishenko, A.A., Spiridonov, V.P., Strand, T.G., Ivanov, A.A., Nikolaev, A.N., *Zh. Strukt. Khim.* 23, 144, **1982**; *J. Strukt. Chem. (USSR)*, 23, 295, **1982**
- [89] McClelland, B.W., Hedberg, L., Hedberg, K., *J. Mol. Struct.*, 99, 309, **1983**; Adams, W.J., Bartell, L.S., *J. Mol. Struct.*, 8, 23, **1971**; Romanov, G.V., Spiridonov, V.P., *Zh. Strukt. Khim.*, 8, 159, **1967**; *J. Struct. Chem. (USSR)*, 8, 131, **1967**
- [90] Hoskins, B.F., Williams, F.D., Dab, D.H., Hodgkin, D.C., *J. Chem. Soc. Chem. Commun.*, 69, **1969**