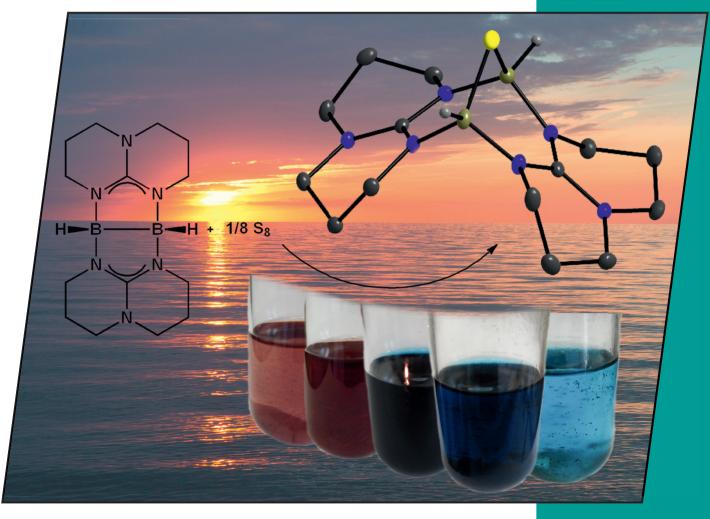


33/2010 3rd November Issue



Cover Picture

Hans-Jörg Himmel et al. Doubly Base-Stabilized Diborane(4)



www.eurjic.org







POLAND

EurJIC is journal ChemPubSoc Europe, a union European of 16 chemical societies formed for the purpose of publishing high- quality science. All owners merged their national journals to form two leading chemistry journals, the European Journal of Inorganic Chemistry and the European Journal of Organic Chemistry.

Other ChemPubSoc Europe journals are Chemistry – A European Journal, ChemBioChem, ChemPhysChem, ChemMedChem, ChemSusChem and ChemCatChem.

NETHERLANDS

SPAIN

COVER PICTURE

AUSTRIA

The cover picture shows the crystal structure of the product of oxidative insertion of sulfur into the B-B bond of the doubly base-stabilized diborane(4) $[HB(\mu-hpp)]_2$ (hpp = 1,3,4,6,7,8-hexahydro-2H-pyrimido[1,2-a]pyrimidinate). The colours observed in the course of this reaction are similar to those of the sunset at Flügge beach on the island Fehmarn shown in the background. While the sunset colours are caused by refraction of sunlight, oligosulfide intermediates such as S_8^{2-} and S_3^{-} are responsible for the colours visible during the reaction. The photographs of the flask show the reaction mixture in toluene solutions after 3, 12, 68 and 200 min and after 18 h. Details are discussed in the article by H.-J. Himmel et al. on p. 5201ff. The authors thank Andreas Schuster for the design of the cover picture.

