

Supplementary Materials

Effects of Glymes on the Distribution of Mg(B₁₀H₁₀) and Mg(B₁₂H₁₂) from the Thermolysis of Mg(BH₄)₂

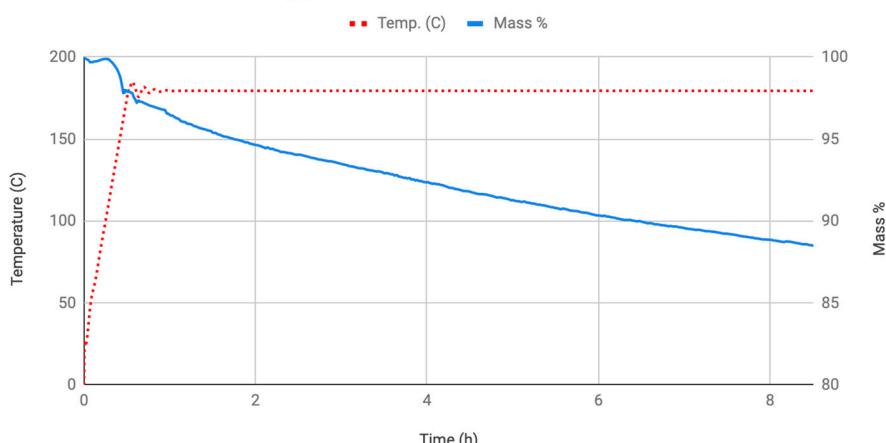
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TGA Results - 1:1 Monoglyme:MBH



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DSC Results - 1:1 Monoglyme:MBH

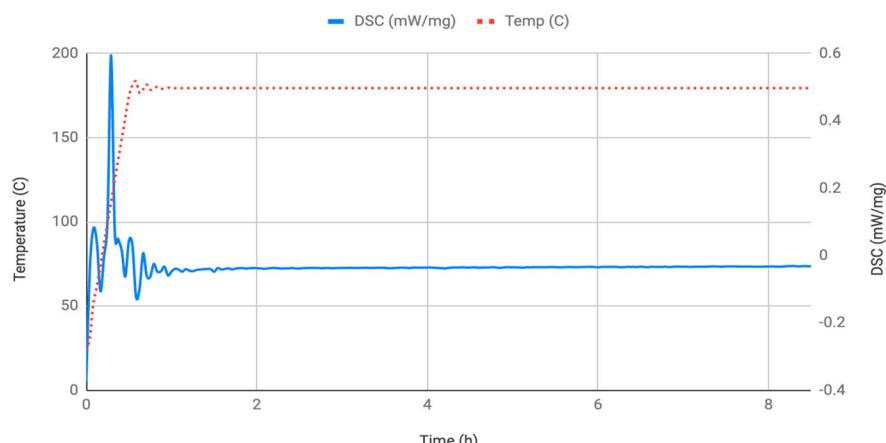
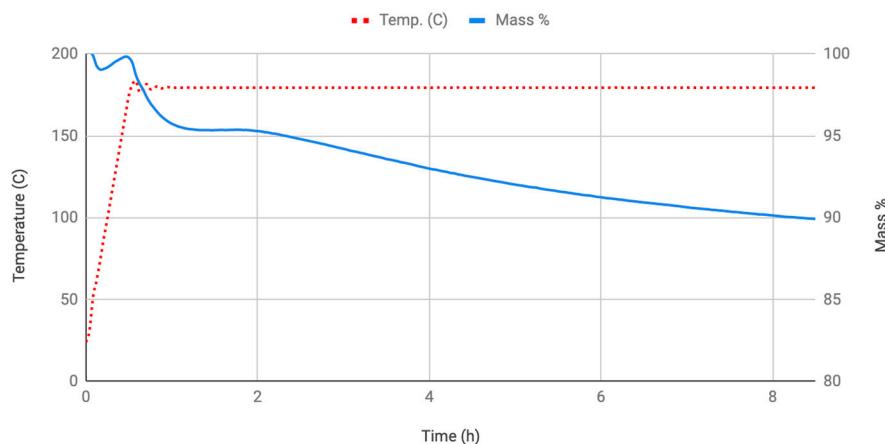


Figure S1. TGA-DSC data for the 1:1 reaction of G1 and Mg(BH₄)₂. Ramp rate 5K/min.

TGA Results - 1:1 Diglyme:MBH



DSC Results - 1:1 Diglyme:MBH

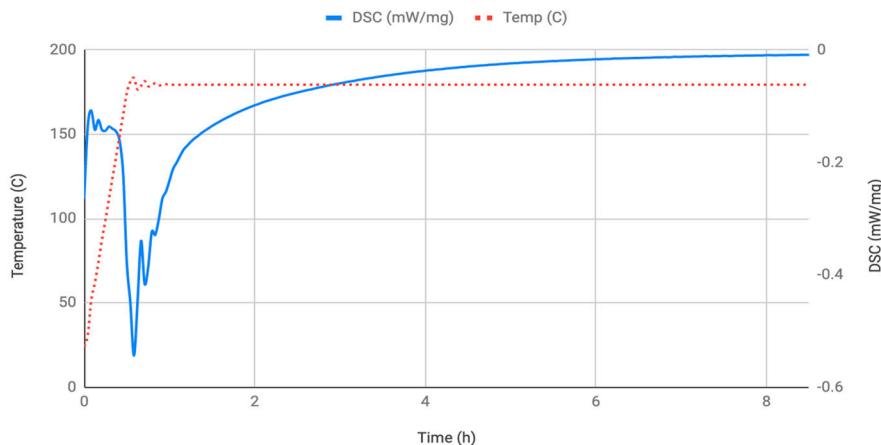
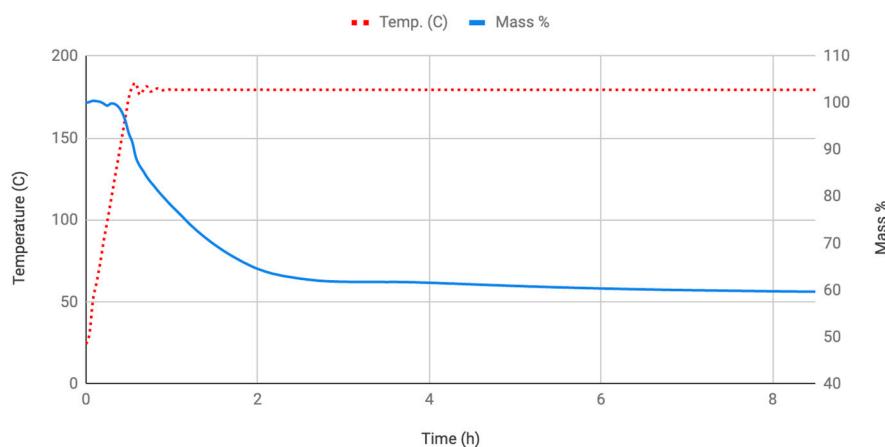
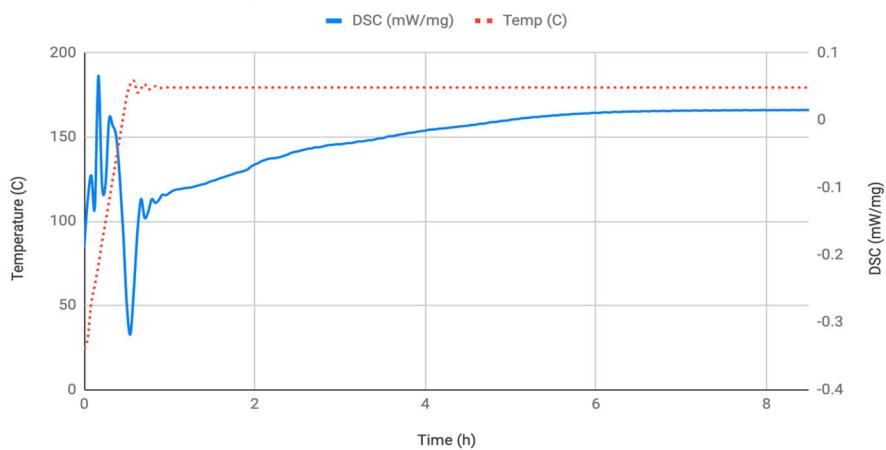


Figure S2. TGA-DSC data for the 1:1 reaction of G2 and $\text{Mg}(\text{BH}_4)_2$. Ramp rate 5K/min.

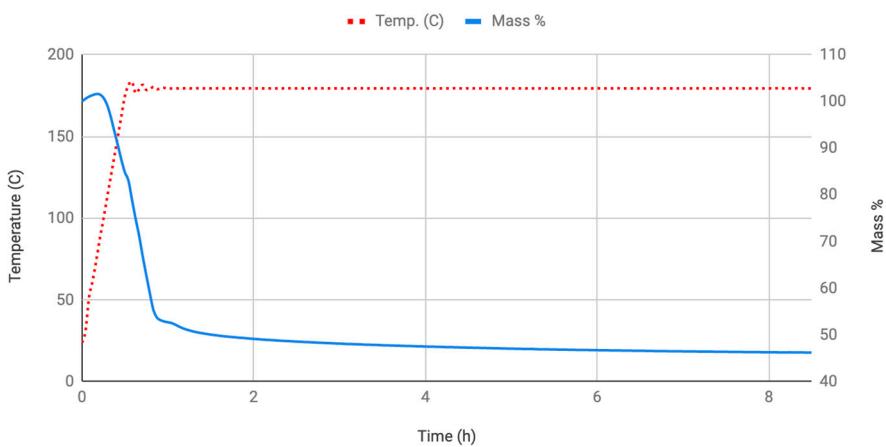
TGA Results - 1:1 Triglyme:MBH



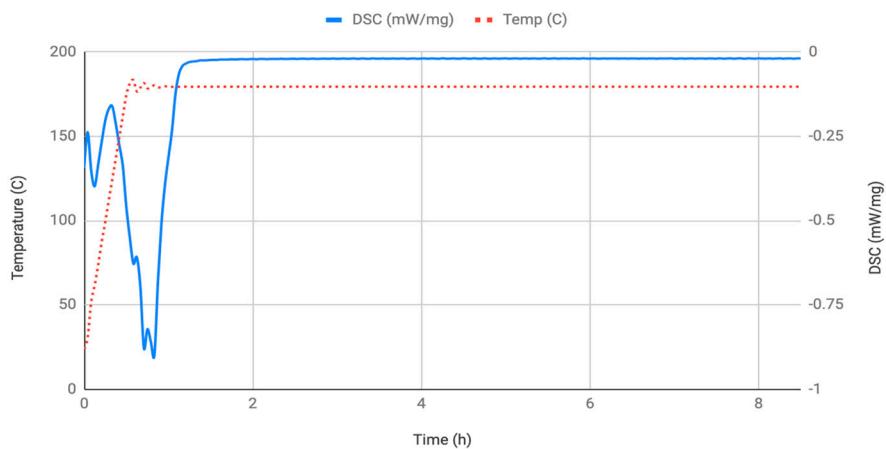
DSC Results - 1:1 Triglyme:MBH

Figure S3. TGA-DSC data for the 1:1 reaction of G3 and Mg(BH₄)₂. Ramp rate 5K/min.

TGA Results - 1:1 Tetraglyme:MBH



DSC Results - 1:1 Tetraglyme:MBH

Figure S4. TGA-DSC data for the 1:1 reaction of G1 and Mg(BH₄)₂. Ramp rate 5K/min.