

C6H12N4=140.19

HNO3=63.01

NH4NO3=80.04

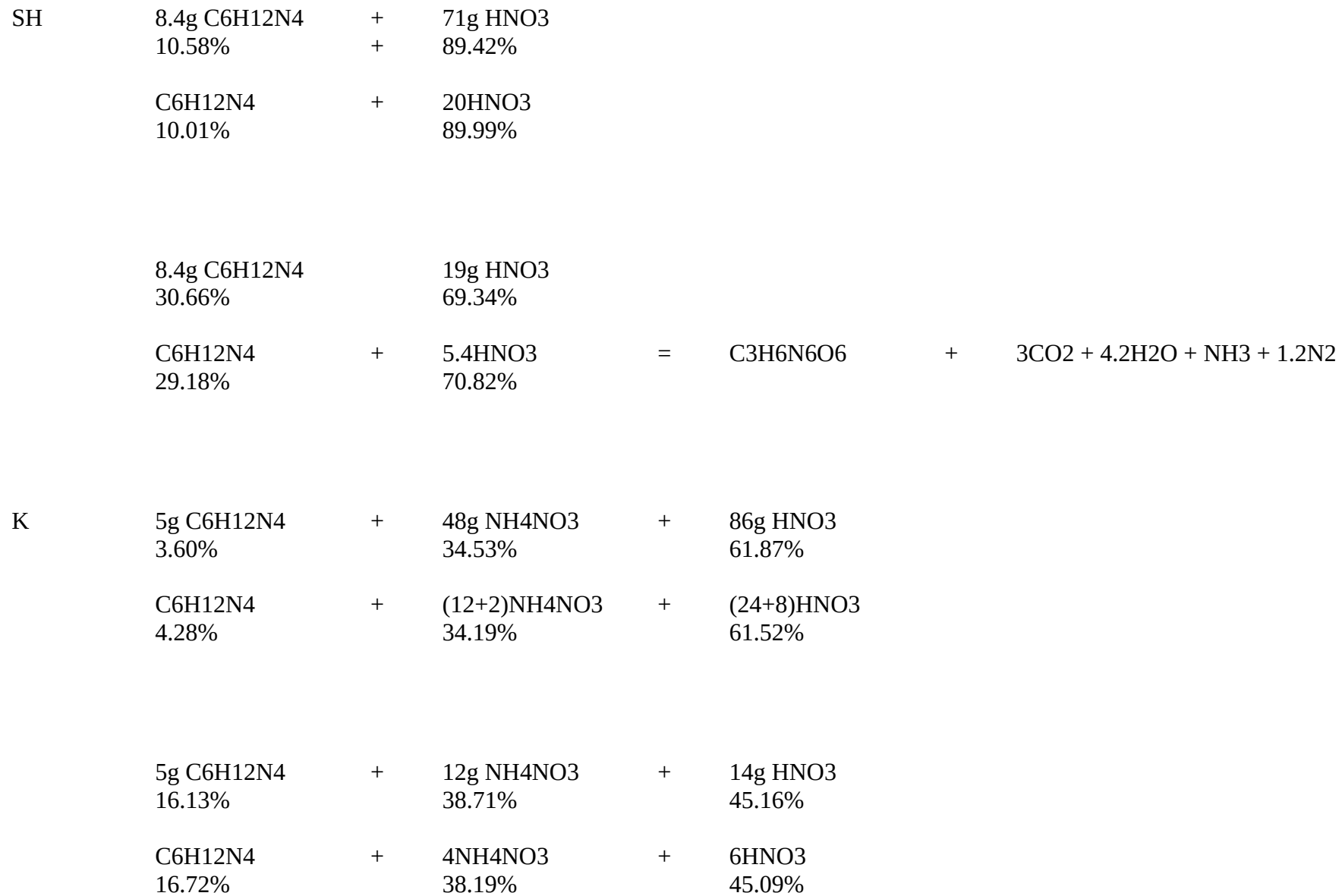
C4H6O3=102.09

C6H12O3=132.16

BF3=67.81

**Synthese für 10.0g Hexogen (RDX)**

W	5.18g Formaldehyd	5.96g NH3	40g HNO3 30g recycl.	20.82g SO3	2.27g K2SO4 / 9.35g Ca(OH)2
E	6.5g Paraldehyd	18g NH4NO3		51g Ac2O 41.5g recycl.	0.19g BF3
KA	4.0g C6H12N4	4.3g NH4NO3	6.8g HNO3	24g Ac2O 19.5g recycl.	
K	5.0g C6H12N4	48g NH4NO3 36g recycl.	86g HNO3 72g recycl.		
SH	8.4g C6H12N4	71g HNO3 52g recycl.			



KA	4.0g C6H12N4 10.23%	+	4.3g NH4NO3 11.00%	+	6.8g HNO3 17.39%	+	24g C4H6O3 61.38%
	C6H12N4 14.62%	+	NH4NO3 8.35%	+	2HNO3 13.14%	+	6C4H6O3 63.89%
	4.0g C6H12N4 20.41%	+	4.3g NH4NO3 21.94%	+	6.8g HNO3 34.69%	+	4.5g C4H6O3 23.00%
	C6H12N4 18.53%	+	2NH4NO3 21.16%	+	4HNO3 33.32%	+	2C4H6O3 26.99%
E	6.5g C6H12O3 8.59%	+	18g NH4NO3 23.78%	+	51g C4H6O3 67.38%	+	0.19g BF3 2.51%
	C6H12O3 9.41%	+	4NH4NO3 22.79%	+	9C4H6O3 65.39%	+	0.5BF3 2.41%
	6.5g C6H12O3 19.01%	+	18g NH4NO3 52.65%	+	9.5g C4H6O3 27.79%	+	0.19g BF3 0.55%
	C6H12O3 20.03%	+	4NH4NO3 48.52%	+	2C4H6O3 30.94%	+	0.05BF3 0.51%