



Experimentwise safety data

University of

Organic chemis

Name _____ Place _____

Preparation/task:

Synthesis of acetylsalicylic acid, $C_9H_8O_4$

Used substances and products	MW [g/mol]	BP MP	GHS hazard pictograms	H/P phrases	TLV, LST, etc.	Amount used for batch	Be** points
Acetic acid 100% $C_2H_4O_2$	60.00	118 °C 16,2 °C		H 226-314 P 201-202+203-231-232	10.00 ppm WVG 1	15.0 mL, 250.0 mmol	3652
Acetic anhydride $C_4H_6O_3$	102.00	140 °C -73 °C		H 226-314-332 P 201-202+203-231-232	5.00 mg/m³ WVG 1	17.5 mL, 105.0 mmol	13661
Salicylic acid $C_7H_6O_3$	138.00	211 °C 158,3 °C		H 302-318-315-315 P 201+202-203-202+203-231-232	WVG 1	20.0 g 150.7 mmol	3215
Ethanol C_2H_6O	46.00	78 °C -114 °C		H 225 P 210	700.00 mg/kg WVG 1	100.0 mL, 1.7 mol	1783
Acetylsalicylic acid, 99.99% $C_9H_8O_4$	180.00	Decomp. at 136 °C		H 301-318-315-319 P 201+202-203-202+203-231-232	5.00 mg/m³ WVG 1		4861



Signalword:

H phrases:

Euh phrases:

P phrases: