

SODIUM ACETATE TRIHYDRATE

Sodu octan 3 hydrat



M = 136,08 g/mol

CAS: 6131-90-4

WE: 204-823-8

H: not applicable

P: not applicable

RID/ADR: not applicable UN: not applicable

Physical and chemical properties:

Character:	solid	Explosion limits:	not applicable
Colour:	white	Vapour pressure:	no data
Odor:	weak acetic acid	Density:	1,45 g/cm ³ (20°C)
pH:	7,5 – 9,5 (50 g/l, H ₂ O, 25°C)	Bulk density:	320-470 kg/m ³
Melting point:	58°C	Solubility:	
Boiling point:	123°C > 400°C	in water:	1250 g/l (20°C)
Auto-ignition temperature:	600°C	in organic solvents:	ethanol approx 50 g/l (20°C), diethyl ether
Ignition temperature:	not applicable		

Sodium acetate trihydrate pure

CHEM*428056708

50 g	100 g	Appearance	colourless crystals
250 g	500 g	Assay	min. 99,0 %
1 kg	5 kg	Substances insoluble in water	max. 0,01 %
10 kg	15 kg	pH (5%, 20°C)	7,5 – 9,5
25 kg		Chlorides (as Cl)	max. 0,005 %
		Sulfates (SO ₄)	max. 0,005 %
		Arsenic (As)	max. 0,0002 %
		Zinc (Zn)	max. 0,005 %
		Aluminium (Al)	max. 0,001 %
		Magnesium (Mg)	max. 0,002 %
		Copper (Cu)	max. 0,005 %
		Lead (Pb)	max. 0,001 %
		Potassium (K)	max. 0,01 %
		Calcium (Ca)	max. 0,005 %
		Iron (Fe)	max. 0,001 %

Sodium acetate trihydrate pure p. a.**CHEM*118056709**

50 g	100 g	Appearance	colourless crystals
250 g	500 g	Assay	99,0 – 101,0 %
1 kg	5 kg	Substances insoluble in water	max. 0,005 %
10 kg	15 kg	pH (5%, 20°C)	7,5 – 9,2
25 kg		Substances reducing KMnO ₄ (as HCOOH)	max. 0,005 %
		Chlorides (as Cl)	max. 0,001 %
		Phosphates (PO ₄)	max. 0,0005 %
		Sulfates (SO ₄)	max. 0,002 %
		Heavy metals (as Pb)	max. 0,0005 %
		Arsenic (As)	max. 0,00005 %
		Zinc (Zn)	max. 0,0005 %
		Aluminium (Al)	max. 0,0005 %
		Magnesium (Mg)	max. 0,0005 %
		Copper (Cu)	max. 0,0005 %
		Lead (Pb)	max. 0,0005 %
		Potassium (K)	max. 0,005 %
		Calcium (Ca)	max. 0,001 %
		Iron (Fe)	max. 0,0005 %