

CAS No.: [590-29-4](#)

Chemical Name: Potassium formate

Synonyms: Potassium fulvic acid; potassium formate solution; Potassium formate; Formic acid potassium; Potassium Formate liquid 75%; HCOOK CHO2K; potassium formate; formic acid, salt; POTASSIUM FORMATE; mravencandraselny

CBNumber: CB7494444

Molecular Formula: CHKO2

Molecular Weight: 84.12

Potassium formate Properties

| | |
|------------------|---|
| Melting point | 165-168 °C (lit.) |
| Density | 1.560 g/mL at 20 °C |
| storage temp. | Inert atmosphere, Room Temperature |
| solubility | H ₂ O: 1 M at 20 °C, clear, colorless |
| pka | 3.79[at 20 °C] |
| form | colorless hygroscopic crystals |
| Specific Gravity | 1.91 |
| PH | 7.4(1 mM solution); 7.83(10 mM solution); 8.25(100 mM solution); 8.58(1000 mM solution) |
| Water Solubility | soluble |
| λmax | λ: 260 nm Amax: 0.09 λ: 280 nm Amax: 0.08 |

| | |
|------------------------|-----------------------------------|
| Sensitive | Hygroscopic |
| Hydrolytic Sensitivity | 0: forms stable aqueous solutions |
| Merck | 14,7633 |
| BRN | 3623272 |
| InChIKey | WFIZEGIEIOHZCP-UHFFFAOYSA-M |
| LogP | -2 at 20°C |

Potassium formate Chemical Properties,Uses,Production

Description