



**MPL Products**  
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## TECHNICAL DATASHEET

### Potassium Formate

**CAS No.:** 590-29-4

**Molecular Formular:** HCOOK

**Product Description:** Potassium formate is a white deliquescent powder or liquid and the potassium salt of formic acid. It has a large number of industrial uses and applications most importantly drilling, fracking and oil and gas production.

#### Specification

Potassium Formate		
Item	Liquid	Solid
Appearance	Colorless, Clear Liquid	White Crystal Flake
Potassium Formate, %	≥75	≥96
KCL as Cl <sup>-</sup> , %	≤0.35	≤0.5
KOH, %	≤0.35	≤0.5
K <sub>2</sub> CO <sub>3</sub> , %	≤0.35	≤1.0
K <sub>2</sub> S, %, %	*	≤0.4
Specific Gravity(20°C)	≥1.57	≥1.57
Turbidity NTU (20°C)	≤9.0	*
Moisture, %	*	≤0.8

#### Applications

1. Oil Drilling field / Oilfield chemicals
2. Snow-melting Agent
3. As a de-icer on airport runways due to its effectiveness and less contamination than Salt
4. Textile industry- reducing agent
5. Construction industry- accelerator admixture
6. Carbon Black
7. Potassium diformate manufacturing

#### Package and storage

- A. 96.0% solid product: packaged in a woven bag with plastic inside, net weight 25KG
- B. 75% liquid product: 1000kg IBC

#### Health and Safety

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it. We reserve the right to alter our product and without informing in advance.