

2020

HAN INDUSTRIAL  
CORPORATION LIMITED

# Potassium Perchlorate

CAS: 7778-74-7

MF: ClKO<sub>4</sub>

UN 1489 Class 5.1 / PG II



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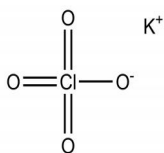
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## Technical Sheet of Potassium Perchlorate

<b>PRODUCT:</b>	Potassium Perchlorate
<b>CAS # :</b>	7778-74-7
<b>MOLECULAR FORMULA:</b>	ClKO <sub>4</sub>
<b>CHEMICAL STRUCTURE:</b>	
<b>APPEARANCE:</b>	WHITE CRYSTAL POWDER
<b>MOL. WT.:</b>	138.55

ITEM	SPECIFICATION	RESULTS
ClKO <sub>4</sub> content	99.0% min.	99.3%
Humidity	0.03%max	0.02%
Water insoluble	0.03%max	0.01%
Chlorate	0.03%max	0.01%
Chloride	0.03%max	0.01%
PH	5.7 - 8.5	6.5
RESIDUE (150um)	0.50%max	0.07%

### APPLICATION:

Potassium perchlorate is used in explosives, photography, and fireworks. It is also used in the medical industry as antipyretic and diuretic.

Potassium perchlorate is used as analytical reagent, oxidant and solid rocket fuel.

**PACKAGING:** Net Weight: 25kgs / Bag

