



Specialized in chemicals

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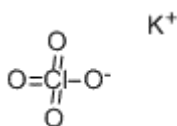
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Technical Data Sheet

Potassium perchlorate

Chemical Name	Potassium perchlorate
CAS #	7778-74-7
EINECS	231-912-9
Formula	ClKO ₄
Molecular Weight	138.55
Synonyms	Astrumal;Irenal;Irenat;KClO ₄ ;

Chemical Structure



Appearance White powder

Description

Colorless orthorhombic crystal or white powder. Slightly soluble in water, hardly soluble in alcohol and ether.

Specification

Items	Specification	Testing Results
Appearance	White powder	Confirms
Assay	≥99%	99.3%
Cl	≤0.03%	0.02%
ClO ₃	≤0.03%	0.01%
H ₂ O	≤0.04%	0.02%

Water insoluble	≤0.03%	0.01%
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Applications

- 1.Used as an explosive and smoke agent, igniting agent, oxidant, medicine used as antipyretic and diuretic;
- 2.Used to make explosives. Used for photography and fireworks. The pharmaceutical industry used as antipyretic and diuretic. Also used as smoke agent, igniting agent, oxidant and reagents for chemical analysis. Used in meteorological rocket.

Packing

25kgs per pp woven bag
25tons(1000bags)/20''FCL

Storage

This product should be stored away from oxidizing materials and strong bases.

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