Potassium Chlorate 99.5%Min

- Product Identification

CAS No. : 3811-04-9
EINECS No. : 223-289-7
H.S. Code : 2829.1910
Formula : KCLO3
Molecular Weight : 122.54
Toxicity : Oral rat LD50: 1870 mg/kg
Synonyms : Potassium Salt, Potash Chlorate, Chloric Acid, Chlorate of Potash

- Physical And Chemical Properties

Physical State : White crystalline solid, Saline taste
Melting Point : 356°C
Boiling Point : Decomposes above 400°C
Specific Gravity : 2.32
Solubility in water : Soluble (moderately soluble in ethanol)
Vapor Density : 4.2
NFPA Ratings : Health: 1 Flammability: 0 Reactivity: 1 Other: Oxidizer
Flash Point : Not combustible
Stability : Stable under ordinary conditions

- Applications

Used in production of Safety Match, Explosive, Firecrackers, Fireworks, Fertilizer (Longan)

- Specification

<table>
<thead>
<tr>
<th>Testing Items</th>
<th>Quality Standard (GB752-2006)</th>
<th>Reference Testing Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless crystal or white powder</td>
<td>Conforms</td>
</tr>
<tr>
<td>Purity - KCLO3</td>
<td>99.5% Min</td>
<td>99.68%</td>
</tr>
<tr>
<td>Moisture</td>
<td>0.05% Max</td>
<td>0.032%</td>
</tr>
<tr>
<td>Water Insoluble</td>
<td>0.02% Max</td>
<td>0.015%</td>
</tr>
<tr>
<td>Chlorides</td>
<td>0.04% Max</td>
<td>0.038%</td>
</tr>
<tr>
<td>Bromates</td>
<td>0.05% Max</td>
<td>0.045%</td>
</tr>
<tr>
<td>Hypochlorite Test</td>
<td>Pass</td>
<td>Conforms</td>
</tr>
<tr>
<td>Chlorite Test</td>
<td>Pass</td>
<td>Conforms</td>
</tr>
<tr>
<td>Heavy Metal Test</td>
<td>Pass</td>
<td>Conforms</td>
</tr>
<tr>
<td>Alkaline Earth Test</td>
<td>Pass</td>
<td>Conforms</td>
</tr>
<tr>
<td>Sieve Residue(125um)</td>
<td>0.5% Max</td>
<td>0.45%</td>
</tr>
<tr>
<td>Remarks</td>
<td>Purity of KCLO3 not included around 0.2% anti-caking agent.</td>
<td></td>
</tr>
</tbody>
</table>

Remarks : Purity of KCLO3 not included around 0.2% anti-caking agent.
- Transportation

Storage: Avoid fire and moisture, no mixed with organic matter.
Hazard Class: 5.1
UN No.: 1485
Other Information: XN O, Risk Phrases: 20/22-8, Safety Phrases: 13-16-27

- Other Trade Information

Min. Order Quantity: 10 MTS
Supply Capacity: 12,000mts/Year
Loading Capacity: 27mts/1080bags (1x20'FCL)
Port of Loading: Huangpu, China
Fresh Stocks: Yes
Ref. Price: USD805.- ~ USD840.- /MT FOB Huangpu, China
Shipment Time: Within 2-3 weeks upon receipt of advance payment or L/C.
Payment Terms: T/T, L/C (Sight / 90days), D/P, Western Union
Origin: Hunan
Sample Availability: Yes
Main Export Markets: India, Indonesia, Thailand, Pakistan, Vietnam, Argentina, Ukraine, Turkey