

**Potassium chromate, solution 10% w/v, EssentQ®****Identification**

$K_2CrO_4$   
M = 194,21 g/mol  
CAS [7789-00-6]  
EC number: 232-140-5  
Taric code: 2841 50 00

**Synonyms**

Chromic acid potassium salt

**Applications**

analytical chemistry, indicator.

**Specifications**

assay (iodometric).....	approx. 10 %	calcium (Ca).....	max. 0,01 %
chlorides (Cl).....	max. 0,005 %	copper (Cu).....	max. 0,005 %
sulfates (SO <sub>4</sub> ).....	max. 0,1 %	iron (Fe).....	max. 0,005 %
aluminium (Al).....	max. 0,005 %	lead (Pb).....	max. 0,01 %
		sodium (Na).....	max. 0,05 %

**Physical data**

• Density: ~ 1,08 g/cm<sup>3</sup>

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

H340: May cause genetic defects.  
H350i: May cause cancer by inhalation.  
H302: Harmful if swallowed.  
H317: May cause an allergic skin reaction.  
H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P321: Specific treatment (see on this label).  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 6.1 T4 III • UN 3287 • TOXIC LIQUID, INORGANIC, N.O.S. (Potassium chromate, solution 10% )
- IMDG: 6.1 III • UN 3287 • TOXIC LIQUID, INORGANIC, N.O.S. (Potassium chromate, solution 10% )
- IATA/ICAO: 6.1 III • UN 3287 • TOXIC LIQUID, INORGANIC, N.O.S. (Potassium chromate, solution 10% )
- PAX: 611
- CAO: 618
- 10°C - 30°C