

Potassium chromate, solution 5% 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. 5 %	calcium (Ca).....	max. 0,01 %
chlorides (Cl).....	max. 0,005 %	copper (Cu).....	max. 0,005 %
sulfates (SO ₄).....	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: ~ 1,04 g/cm³

Safety - GHS

Signal Word: Danger

Hazard Statements:

H340: May cause genetic defects.
H350i: May cause cancer by inhalation.
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.
P273: Avoid release to the environment.
P321: Specific treatment (see on this label).
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 5%)
• IMDG: 6.1 III • UN 3287 • TOXIC LIQUID, INORGANIC, N.O.S. (Potassium chromate, solution 5%)
• IATA/ICAO: 6.1 III • UN 3287 • TOXIC LIQUID, INORGANIC, N.O.S. (Potassium chromate, solution 5%)
• PAX: 611
• CAO: 618
• 10°C - 30°C