

Potassium Chromate

Chemical name	Potassium chromate
Synonyms	Potassium chromate (VI)
CAS number	7789-00-6
EINECS Number	232-140-5
Revision Number	1-2024

Chemical identification and uses

Potassium chromate (chemical formula CrK_2O_4) is a yellow, odorless solid primarily used in laboratory settings as a reagent and in various industrial applications such as pigments, dyes, and inks.

Potential exposures

Exposure to Potassium chromate can occur in industrial and laboratory environments. Workers may be exposed through:

- Inhalation of dust
- Skin contact
- Eye contact

Adherence to good manufacturing and industrial hygiene practices is essential to prevent or reduce exposure.

Human Health hazards

- Acute toxicity: Harmful if swallowed; toxic if inhaled.
- Skin and eye irritation: Causes skin irritation and serious eye irritation.
- Sensitization: May cause an allergic skin reaction.
- Reproductive toxicity: May cause genetic defects and cancer.
- Specific target organ toxicity: May cause respiratory irritation.
- ACGIH has established Time Weighted Average of 0.0002 mg/m³

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Material Safety Data Sheet which should be consulted before use of the chemical. The product stewardship summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent



Product Stewardship Summary

Environmental Health hazards

- Aquatic toxicity: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Environmental precautions: Measures should be in place to prevent further leakage or spillage.

For more detailed safety and regulatory information, please refer to the Safety Data Sheet (SDS) or contact Honeywell at ESSPSCustomerCare@Honeywell.com. Additional information can also be found on PubChem.

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