

Chromyl chloride

Other names:	Cl ₂ CrO ₂ Chromium, dichlorodioxo-, (T-4)- Chromium, dichlorodioxo- Chlorure de chromyle Chromic oxychloride Chromium chloride oxide Chromium dichloride dioxide Chromium dioxide dichloride Chromium (VI) dioxychloride Chromoxychlorid Chromylchlorid Chroomoxychloride Cromile, cloruro di Cromo, ossicloruro di Dichlorodioxochromium Dioxodichlorochromium Oxychlorure chromique UN 1758 Chromium chloride oxide (CrO ₂ Cl ₂) Chromium oxychloride (CrO ₂ Cl ₂) Chromyl chloride (CrO ₂ Cl ₂) Chromyl dichloride
Inchi:	InChI=1S/2ClH.Cr.2O/h2*1H;;;/q;;;+2;;/p-2
InchiKey:	AHXGRMIPHCAAFP-UHFFFAOYSA-L
Formula:	Cl ₂ CrO ₂
SMILES:	O=[Cr](=O)(Cl)Cl
Mol. weight [g/mol]:	154.90
CAS:	14977-61-8

Physical Properties

Property code	Value	Unit	Source
ie	11.60	eV	NIST Webbook
ie	11.99 ± 0.04	eV	NIST Webbook
ie	11.80	eV	NIST Webbook

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C14977618&Units=SI>

Legend

ie: Ionization energy

Latest version available from:

<https://www.chemeo.com/cid/70-510-7/Chromyl-chloride.pdf>

Generated by Cheméo on 2024-04-20 08:30:20.756653779 +0000 UTC m=+15891069.677231091.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.