





Iron(II) chloride tetrahydrate, 99+%

ORGANICS	iron(ii) chioride tetranydrate, 99+%
N	ISDS Specifications Applications Categories 3D model Molfile
C - 17 - 17 - 1	
General Product Name	Iron(II) chloride tetrahydrate Ferrous chloride tetrahydrate
CAS RN	13478-10-9
ACD Code	MFCD00149709
Structure	×
Molecular Formula	
Molecular weight	198.81
Pack size	
Physical	105_110
Melting Point (°C) Safety	105 - 110
GHS Pictogram	X
GHS Signal Word	Danger
GHS H statement	H302: Harmful if swallowed H318: Causes serious eye damage H314: Causes severe skin burns and eye damage
GHS P statement	P301 + P330 + P331: P280: Wear eye protection/face protection P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P310: Immediately call a POISON CENTER or doctor/physician P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Hazard	C: Corrosive
Risk	22: Harmful if swallowed.34: Causes burns.
Safety	 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 36/37/39: Wear suitable protective clothing, gloves and eye/face protection. 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Categories	
Applications	Functional Reagents > Catalysis and Inorganic Chemistry > Iron P Preparation, Purification and Analysis > Analytical Reagents for General Use P
уррпоатопз	Function Transformation Type Caveat Reference Reagent Interconversion of functional groups Amine to aryl halide Can replace Copper (II) chloride in Sandmeyer reaction 31, 594d Reagent Reduction Alkyne to alkene In combination with simple dithiols and Sodium borohydride are effective catalysts for reduction.
Other	
Parameter	Origin synthetic References: Literature Chemoselective oxidation: Barton D.H.R. et al.; Tetrahedron 46, 11, 3743-3752 (1990). Reference: Merck 14,4043
3D model	Show