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Typical Product Specifications & Properties

Calcium Sulfate Dihydrate

CAS Number: : 10101-41-4

Specifications	Limits
Molecular weight	136.14
EINECS	231-900-3
SMILES	<chem>S(=O)(=O)([O-])[O-].O.O.[Ca+2]</chem>
InChI	1S/Ca.H2O4S/c;1-5(2,3)4/h;(H2,1,2,3,4)/q+2;/p-2
InChIKey	OSGAYBCDTDRGGQ-UHFFFAOYSA-L
Stability	Stable. Incompatible with aluminium, strong acids.
Boiling Point	163°C -2H2O
Density	2.32
Solubility	H2O: 0.01 M at 20 °C, clear, colorless
Storage Temperature	Store at room temperature.
Water solubility	2 g/L (20 °C)
Sensitive	Hygroscopic



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Specifications	Limits
Melting Point	128°C -1.5H ₂ O
Merck	14,1706
Flash Point	163°C -2H ₂ O
Form	powder
Color	White



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