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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&deg;C -2H2O                                    |
| Density             | 2.32   |
| Solubility          | H2O: 0.01 M at 20 &deg;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&deg;C -1.5H <sub>2</sub> O |
| Merck          | 14,1706                        |
| Flash Point    | 163&deg;C -2H <sub>2</sub> O   |
| Form           | powder                         |
| Color          | White                          |



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Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.