FERROUS SULFATE

Specifications:

**FORMULA**
FeSO₄·7H₂O
FeCl₃
278.05

**MOL WT.**

**PROPERTIES**

**PHYSICAL STATE**
blue-greene solid

**MELTING POINT**
65 °C

**BOILING POINT**
300 °C (Decomposes)

**SPECIFIC GRAVITY**
1.898

**SOLUBILITY IN WATER**
Soluble

**STABILITY**
Stable under ordinary conditions

**SALES SPECIFICATION**

**APPEARANCE**
Green damp crystals

**Fe**
18.4% min

**Fe₂(SO₄)₃**
0.5% max

**TiO₂**
0.5% max

**Mn**
0.6% max

**Cu**
0.001% max

**WATER INSOLUBLES**
0.2% max

CAS NO.
7782-63-0
(HEPTAHYDRATE)

EINECS NO.
231-753-5

APPLICATIONS:
ANIMAL FEED, WATER TREATMENT, FERTILIZERS, CATALYSTS, CHEMICAL MANUFACTURING, HAZARDOUS WASTE TREATMENT, MORDANT IN DYING WOOL, IN THE MANUFACTURE OF INK, IN WATER PURIFICATION AS A SUBSTITUTE FOR ALUMINUM SULFATE, AS A FERTILIZER, AND AS A FEED ADDITIVE USED TO PRODUCE MAGNETIC FERRIC OXIDE.

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