

# Iron (II) sulphate heptahydrate S

## Technical snowcrystal (Fe(II)SO<sub>4</sub>·7H<sub>2</sub>O)



### Typical chemical content & properties

Chemical composition	Fe(II) SO <sub>4</sub> · 7H <sub>2</sub> O	Appearance	Pale Bluish green crystals
Iron sulphate (Fe) total	19,5 % +/-1	Density	0,9 to 1,1
Iron soluble in water	19 % +/-1	Loss of weight at 105°C	30% - 40%
Iron Sulphate bivalent (Fe <sup>2+</sup> )	19 % +/-1	Origin	Steel industry by-product

### Applications

Agrochemicals	PFC1-C.II.a, Straight inorganic micronutrient fertiliser – iron sulphate CMC-1, Virgin material substances and mixtures
	Prevents and corrects iron deficiencies (anti-chlorosis ...)
Usage should be adjusted according to local circumstances, such as climate, method of application and harvesting needs	
Waste water	Precipitant and flocculent for industrial water/effluent treatment
Pigments	Pigment (additive) for textile, leather, wood

### Other informations

Storage and handling	Up to 12 months when stored in the original packaging and when stored away from heat sources and humidity.
Packaging	Bulk / bags of 25kg / Big-bags of 1000kg, 1100kg, 1200kg

### Hasard Identification

Hasard statement	Please Consult the Safety Data Sheet before using the product <b>•H302</b> Harmful if swallowed. <b>•H315</b> Causes skin irritation. <b>•H319</b> Causes serious eye irritation.
Precautions statements	<b>P280</b> Wear protective gloves/protective clothing/eye protection/face protection. <b>P301 + P312</b> IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell. <b>P302 + P352</b> IF ON SKIN: Wash with plenty of water. <b>P305 + P351 + P338</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. <b>P310</b> Immediately call a POISON CENTER/doctor. <b>P501</b> Dispose of contents/container at a disposal facility in accordance with local regulations..

