

# Melstar T®

## Iron sulphate heptahydrate Technical Snow cristals



### ▪ Typical chemical content & properties

Chemical composition	Fe(II) SO <sub>4</sub> . 7H <sub>2</sub> O
Forme	Pale-green, moist salt
Typical Fe <sup>2+</sup>	17.6%
Free moisture	< 4.0%
Insolubles	0.09%
Apparent density	Approx. 1 t/m <sup>3</sup>
Analysis	EN 889
PH	2 (saturated solutions)
Sulfure (S)	11,3%
Magnesium (Mg)	1 %

Ni	56 ppm
Se	< 0.1 ppm
Zn	29 ppm
Cu	0.9 ppm
Pb	0.2 ppm
Cd	< 0.03 ppm
Hg	< 0.01 ppm
Cr	< 13 ppm
As	< 0.1 ppm
Sb	< 0.1 ppm
Aox	< 2 ppm

Saturation	Temperature	Solubility	Density
	At 10°C	400 g/l	1.20 kg/l
	At 20°C	500 g/l	1.25 kg/l
At pH >3, or undersaturated, solutions will tend to hydrolyse.			
Solutions will freeze at -2°C, independant of concentration.			

### ▪ Applications

Agrochemicals	PFC1-C.II.a, Straight inorganic micronutrient fertiliser – iron sulphate CMC-1, Virgin material substances and mixtures
	Soil fertilizer to decrease iron chlorosis
Water	Precipitant and flocculant for Phosphate elimination, Industrial effluent treatment
Pigment	As pigment (additive) for textile, leather, wood.

### ▪ Other informations

Technical quality	The product may contain small amounts of insoluble foreign substances.
Packaging	In bulk, in 1000 kg big bags, in valve-type single heavy-duty PE bags of approx. 25kg.

