

## TECHNICAL DATA SHEET



# SULFIMAG HFS

### PHYSICO-CHEMICAL CHARACTERISTICS

Composition	: Magnesium bisulphite in solution as essential component
Formula	: $Mg(HSO_3)_2$
Density (20°C)	: 1.25-1.28 kg/dm <sup>3</sup>
Crystallisation temperature	: < 0 °C

### QUALITATIVE CHARACTERISTICS

Appearance	citrine yellow liquid	
Assay	% SO <sub>2</sub>	20 ± 1
	% Mg	3.9 ± 0.3
pH (20°C, as it is)		2.0-3.0
Iron	mg/kg as Fe	< 50
Heavy metals	mg/kg as Pb	< 10
Selenium	mg/kg as Se	< 2
Arsenic	mg/kg as As	< 3
Lead	mg/kg as Pb	< 5
Mercury	mg/kg as Hg	< 1

The indicated values are intended as determined according to our standard analysis methods.

### STANDARD PACKAGING

255 kg net polyethylene drums and 1200 kg net IBC  
Rail and road tankers, according to transport regulations

### MAIN USES

In isoglucose (high fructose syrup) production, as cofactor of glucose isomerase enzyme.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

THIS TECHNICAL DATA SHEET IS IDENTIFIED AS **HFS 1 (0722) E5**