

COAGULATING

SUFAL®

Inorganic coagulating agent for the treatment of potable water and wastewater

n° CAS 10043-01-3
n° EINECS 233-135-0

NATURE

Aluminium sulphate, $Al_2(SO_4)_3$.
Type I according to European Standard EN 878 (iron-free)

TECHNICAL DATA

SUFAL® 8.2 L	Mean values
<i>Aqueous solution of aluminium sulphate</i>	
Contains Al as Al_2O_3 (%)	8.2
Free basicity as OH (%)	Max. 0.5
pH at 20°C	2.3
Density at 20°C (g/cm^3)	1.32

SUFAL® 17.0	F	P	G
<i>White, solid products</i>			
Contains Al as Al_2O_3 (%)	17.0	17.0	17.0
Free basicity as OH (%)	<0.5	<0.5	<0.5
pH at 20°C (1% in water)	3.5	3.5	3.5
Apparent density (Kg/l)	0.65	1.0	1.0
Grain size (mm)	0-1	0-2	2-8

PROPERTIES

- Coagulating and flocculating agent for the treatment of potable water and wastewater.
- Additive for sizing in paper and paper pulp industries.



SUFAL®

■ APPLICATION

- Water treatment:
 - POTABLE WATER. Coagulating agent in water clarification.
 - WASTEWATER. Coagulating and dephosphating agent.
- Paper industries. Addition of aluminium in paper sizing processes.
- Sugar industry. Refining agent in the treatment of sugar beet pulp before pressing.
- Fertilizers. Additive in the process of manufacturing nitrogen-containing fertilizers (E.g. ammonium nitrate).
- Construction. Set accelerant for mortars and concrete.
- Raw material for the chemical industry.
- Leather tanning industries.

■ SAFETY CLASSIFICATION FOR STORAGE AND TRANSPORT

The product is labelled according to regulation EC 1272/2008 (CLP) on "Classification, packaging and labelling of substances and mixtures":

SUFAL® 8.2 L **GHS05** **Danger**
H290: May be corrosive to metals
H318: Causes serious eye damage

SUFAL® 17.0 **GHS05** **Danger**
H318: Causes serious eye damage

■ STORAGE

SUFAL® 8.2 L, in a water solution, must be stored in PVC, PE or stainless steel tanks. It corrodes structures made of iron, galvanised steel and aluminium, releasing hydrogen.

The solid, hygroscopic product must be kept in a dry place and in its own original, tightly closed containers.

■ PACKAGING FORMATS

SUFAL® 8.2 L

- 200-litre drums.
- 1.000-litre IBCs.
- Bulk truck.

SUFAL® 17.0

- 25 kg plastic sacks (palletized).
- Big bags.
- Bulk truck.



All of the information contained in this technical data sheet is based on our own trials which are considered to be trustworthy. Given the variety of different conditions of usage, this information cannot be taken as a basis of any guarantee nor may it be subject to liability.