



## PRODUCT SPECIFICATION

EP 062

REV 05

### IDENTIFICATION

<b>Chemical name</b>	Aluminum Sulfate
<b>Formula</b>	$Al_2(SO_4)_3$
<b>CAS-number:</b>	10043-01-3

### PHYSICOCHEMICAL CHARACTERISTICS

<b>Appearance</b>	White powder or crystals.			
<b>Characteristic</b>	<b>Unit</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Total water soluble aluminum	%	15	-	Technical specification of the product supplier
Total soluble iron	%	-	0.4	
Insoluble	%	-	5.0	
Free acidity ( $H_2SO_4$ )	%	-	0.5	
Basicity ( $Al_2O_3$ )	%	-	0.4	

## MAIN APPLICATIONS

Chemical, textile, paper industries, among others. Used as a flocculant and coagulant in water and effluent treatment plants. Domestic use in swimming pool water treatment.

## OTHER INFORMATION

<b>UN No.</b>	Product not covered by the Resolution in force on the transport of dangerous products.
<b>No. of Risk</b>	Product not covered by the Resolution in force on the transport of dangerous products.
<b>Packaging</b>	In polythene or raffia bags, valve, containing 25 Kg of the product.
<b>Cautious</b>	Not classified as dangerous or poisonous, however, when handling, the use of the following PPE is recommended: Rubber boots and gloves, barber apron, dust mask and goggles.
<b>Storage</b>	Keep stored in a covered, ventilated and ventilated place, away from sources of heat and ignition. Incompatibility to avoid: oxidizing agents.
<b>Shelf Life</b>	12 months from the date of manufacture, provided that ideal storage conditions are followed
<b>Legal requirements</b>	Product not covered by the Resolution in force on the transport of dangerous products.

	<b>Code</b>	<b>Description</b>
<b>Datasheet</b>	128.35.0	Granulated Aluminum Sulfate (iron-free)
	129.35.0	Aluminum Sulfate Powder (iron-free)

## HISTORY OF CHANGES

<b>Date</b>	<b>Revision</b>	<b>Comments of Changes</b>
<b>08.10.2013</b>	<b>03</b>	Update of the layout of the document, of the person responsible for approving the specification and the framework regarding the Legislation in force on the transport of hazardous products.
-	<b>04</b>	Revision of the form due to approval via the Qualiex system. Inclusion of omega codes.
-	<b>05</b>	Change of shelf life from 24 months to 12 months.