

Potassium Chloride



1. IDENTIFICATION

CHEMICAL NAME: Potassium Chloride

CHEMICAL FORMULA: KCl

CAS No.: 7447-40-7

EINECS No.: 231-211-8

MOLECULAR WEIGHT: 74,551 g/mol

2. FEATURES

Specifications

METHOD	PROPERTIES	VALUE	UNITS	TOLERANCE
(*)	Potassium Oxide (K ₂ O)	59,5	% w/w	Minimum
(*)	Humidity	1	% w/w	Maximum

Typical Characteristics

METHOD	PROPERTIES	VALUE	UNITS	TOLERANCE
Visual	Visual appearance	White thin crystals	-	-
-	Potassium Chloride (KCl)	94	% w/w	Minimum
-	Sodium Chloride (NaCl)	2,8	% w/w	Maximum
-	Magnesium content (Mg)	0,2	% w/w	Maximum
-	Calcium content (Ca)	0,02	% w/w	Maximum
-	Anti-caking	0,25	Kg/ton	Maximum
-	Apparent Density	1.1 – 1.3	g/cm ³	-
-	Granulometry (cumul.)			
	at 0.420 mm	7,0	% w/w	(Typical)
	at 0,105mm	89,0	% w/w	(Typical)
	Granulometry between 0.420 mm and 0.105 mm	70	% w/w	Minimum

3. APPLICATION

- Aluminium industry
- Anodizing and Electroplating
- Industrial Effluent Treatment
- Animal Feed Industry
- Cleaning and Disinfection
- Industry of Fertilizers

4. PRESENTATION

Bags /pallets.