



Specification

Concerning Product:	
Article number	7757791BY
Trade name / designation / denomination	Kaliumnitrat ohne Antitack
CAS number	7757-79-1
Other names / synonyms	*potassium nitrate;
EC number	231-818-8
Customs tariff number / CN code / TARIC	28342100
Molecular weight [g / mol]	101,1
Formula	KNO ₃
May intensify fire; oxidiser. Keep away from heat/sparks/open flames/hot surfaces. – No smoking.	

Parameter	Specification	Unit
Organoleptic test		
Colour	white	
Odour	odourless	
Physical parameter		
Form	crystalline powder	
Substances insoluble	in H ₂ O: ≤ 0,02	%
Loss on drying	≤ 0,2	%
Reducing substances	KNO ₂ : ≤ 0,01	%
Identity		
Assay	≥ 99,5	%
Impurities		
Heavy Metals (as Pb)	≤ 20	ppm
Impurity	CaO + MgO: ≤ 0,05	%
Elemental Impurities		
Chlorides (Cl)	(as NaCl) ≤ 0,06	%
Iron (Fe)	≤ 5	ppm

Supplemental information:

Note: Anticaking agent:

Product does not contain any anticaking agent.
Product delivered without anticaking agent can be caked!

Storage conditions: Store the product in original, tightly closed packaging, away from flammable substances in a well ventilated and dry warehouse. Do not store together with flammable substances or reducers. Keep away from food, drink and feed. Protect from external exposure such as: heat, humidity, light.

Packing: Type PE valve bags – each contains 25 kg net of KNO₃. The bags are placed on wooden pallets with dimension of 80x120 cm in the amount of 1000 kg and they are wrapped with a tightening foil.

There is also the possibility of packing potassium nitrate into big-bag sacks with a capacity of 1000kg.

Usage: Glass and glaze production.

Production of explosives → a DECLARATION OF USE is required!

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 12. Jun. 2023

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