OMGD, s. r. o.
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331 51 KAZNEJOV
CZECH REPUBLIC

CALCIUM NITRATE TETRAHYDRATE

Chemical formula	rel. mol. weight	CAS Nr.	**13477-34-4**
$Ca(NO_3)_2 . 4 H_2O$	**236,15**		
		EINECS Nr.:	**233-332-1**

Quality standard : P N D 5 0 - 5 9 8 - 8 7

Physical and chemical parameters

Parameter	**unit**	**guaranteed value**	
		p.a.	**pure**
Calcium Nitrate	% weight	min. 99,0	min. 99,0
Water-insoluble substances	%	max. 0,005	max. 0,01
Chlorides	%	max. 0,005	max. 0,01
Sulphates	%	max. 0,02	max. 0,05
Iron	%	max. 0,000 2	max. 0,000 5
Lead	%	max. 0,000 5	max. 0,001
Copper	%	max. 0,000 5	max. 0,001
Magnesium	%	max. 0,05	max. 0,1
Sodium	%	max. 0,2	-
Potassium	%	max. 0,02	max. 0,04

Appearance : white crystalline substance

Packaging : 25 kg plastic bags or polypropylene bags with plastic inlay.

Storage : to be stored in original well-closed and properly labelled intact packaging, in dry and cool warehouses free of chemical exhalations.

Shelf life : 6 months from the date of manufacture.

Hazard statements:
H272 Causes skin irritation.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.

Precautionary statements:
P220 Keep/Store away from clothing/…/combustible materials.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 If eye irritation persists: Get medical advice/attention.

Transport regulations : ADR/RID Class : 5,1 UN: 1454 Sort of packaging : III