

Technical Data sheet**CALCIUM NITRATE 4-HYDRATE**

Product Code :042960 CALCIUM NITRATE 4-HYDRATE**Formula** :Ca(NO₃)₂·4H₂O**Retest period** : 60 months**Standard Grade** : PA**Rev.:** 27/10/2009

General Information :

Mol weight	236,15 g/mol
CAS Nr	13477-34-4
EINECS Nr	233-332-1
HS code	28342980

Transport :

ADR/RID Class	5.1/III,O2
UN Nr	1454
Danger	50
Transport Labels	5.1
IMDG Code	5.1/III
IATA Code	5.1
IATA Group	III
CAO Code	518
PAX Code	516

Specifications :

Assay (Complex.)	Min. 98,5 %	pH of a 5% solut. (25°C)	4,5 - 7,0
Chloride (Cl)	Max. 0,005 %	Sulphate (SO ₄)	Max. 0,005 %
Barium (Ba)	Max. 0,005 %	Iron (Fe)	Max. 0,0005 %
Heavy metals (as Pb)	Max. 0,0005 %	Strontium (Sr)	Max. 0,01 %

Labels : H-272:May intensify fire; oxidiser. H-319:Causes serious eye irritation. P-210:Keep away from heat/sparks/open flames/hot surfaces. No smoking. P-243:Take precautionary measures against static discharge. P-305+P351+P338:Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P-371+380+375:In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. P-501:Dispose of contents/container in accordance with local/regional/national/international regulations,

