

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

Product Code :042920 CALCIUM NITRATE 4-HYDRATE**Formula** :Ca(NO₃)₂·4H₂O**Retest period** : 60 months**Standard Grade** : RA**Rev.:** 08/02/2006**According to monographs** :ACS 10 ED.

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.)	99,0 - 103,0 %	pH of a 5% solut. (25°C)	5,0 - 7,0
Water-insoluble matter	Max. 0,005 %	Chloride (Cl)	Max. 0,005 %
Sulphate (SO ₄)	Max. 0,002 %	Barium (Ba)	Max. 0,005 %
Iron (Fe)	Max. 0,0005 %	Heavy metals (as Pb)	Max. 0,0005 %
Nitrite (NO ₂)	Max. 0,001 %	Magnesium (Mg)	Max. 0,05 %
Sodium (Na)	Max. 0,01 %	Potassium (K)	Max. 0,005 %
Strontium (Sr)	Max. 0,05 %		

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,

