

# SYSTEM

## Specification

PRODUCT NAME : Aluminium Potassium Sulphate-*dodecahydrate*, ChemAR®  
{Potassium aluminium sulphate, Alum potassium}  
CATALOGUE NUMBER : AL733-00  
FORMULA :  $KAl(SO_4)_2 \cdot 12H_2O$   
MOLECULAR WEIGHT : 474.39g/mol  
CAS. NUMBER : [7784-24-9]

IMDG class : UN No : Packaging group :  
**HAZARD STATEMENT:** H  
**PRECAUTIONARY STATEMENT:** P  
**Risiko (Risks):**R  
**Keselamatan (Safety):**S

	<u>Specification</u>
Assay(complexometric)	min.99.5 %
Substances insoluble in water	max.0.005 %
pH(5%,water)	3.0-----3.5
Chloride(Cl)	max.0.0005 %
Arsenic(As)	max.0.0003 %
Cadmium(Cd)	max.0.0005 %
Copper(Cu)	max.0.0005 %
Iron(Fe)	max.0.0005 %
Lead(Pb)	max.0.0005 %
Sodium(Na)	max.0.01 %
Ammonium(NH <sub>4</sub> )	max.0.005 %

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