

SYSTEM  
Specification

PRODUCT NAME : Ammonium Iron II Sulphate, Hexahydrate, ChemAR<sup>®</sup>  
CATALOGUE NUMBER : AM518-00  
FORMULA :  $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$   
MOLECULAR WEIGHT : 392.14  
CAS. NUMBER : [7783-85-9]

IMDG class : UN No: Packaging group :

**HAZARD STATEMENT:**

H319,H335,H315

**PRECAUTIONARY STATEMENT:**

P280,P302+P352,P304+P340,P305+P351+P338,P309+P311

Risiko (Risks):R36/37/38

Keselamatan (Safety): S26

	<b>Specification</b>
Assay(manganometry)	min.99.8 %
pH(5%,water)	3.0-----5.0
Chloride(Cl)	max.0.001 %
Phosphate( $\text{PO}_4$ )	max.0.002 %
Iron(III)salts( $\text{Fe}^{3+}$ )	max.0.01 %
Calcium(Ca)	max.0.01 %
Copper(Cu)	max.0.002 %
Potassium(K)	max.0.01 %
Magnesium(Mg)	max.0.01 %
Manganese(Mn)	max.0.01 %
Lead(Pb)	max.0.001 %
Sodium(Na)	max.0.01 %
Zinc(Zn)	max.0.003 %
Substances not precipitated by ammonia (as sulfate)	max.0.05 %
Melting point	100 <sup>o</sup> C
Soluble in water/20 <sup>o</sup> C	269g/l



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