

SYSTEM

Specification

PRODUCT NAME : Sodium Meta-Silicate-pentahydrate, ChemPur®
CATALOGUE NUMBER : SO631-90
FORMULA : $\text{Na}_2\text{SiO}_3 \cdot 5\text{H}_2\text{O}$
MOLECULAR WEIGHT : 212.14
CAS. NUMBER : [10213-79-3]

IMDG class : 8 UN No : 3253 Packaging group : III

HAZARD STATEMENT: H314,H335

PRECAUTIONARY STATEMENT: P280,P301+P330+P331,P305+P351+P338,P309+P310

Risiko (Risks):R34,R37

Keselamatan (Safety):S26,S36/37/39

Specification

Assay		
-Na ₂ O	min.29.1	%
-SiO ₂	min.28.31	%
Carbonate(CO ₂)	<0.22	%
Iron(Fe)	<0.008	%
Aluminium(Al)	<0.043	%
Water insoluble matter	<0.1	%
pH(1% solution)	12.44	
Melting point	162°F; 72.2°C	



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