



PRODUCT DATA SHEET

S-100

SYMER 100 (Sodium Aluminate)



SYMER-100

Sodium Aluminate

Inorganic Chemical Solution

CHEMICAL- PHYSICAL CHARACTERISTICS

Physical State:	Colorless to yellow crystalline liquid
Density g/cc (25°C):	1.360 - 1.460
pH (1%) :	>12
% NaAlO ₂ :	≤ 30
%NaOH	≤ 25

PROPERTIES- APPLICATIONS

S-100 is an inorganic chemical solution, used in water treatment and wastewater, is used in the paper industry as a binder and flocculant. Sodium Aluminate is used for different purposes:

- 1) As a flocculant Sodium Aluminate ensures clarification in drinking water and wastewater treatment.
- 2) As an aid sodium aluminate in water treatment helps softening water; helps clotting to promote flocculation to remove dissolve silica.
- 3) Sodium Aluminate is an important source in the production of aluminum hydroxide.

DOSAGE AND CONTROL

According the needs of your application and field testing, Sodium Aluminate can be applied in doses similar to those of aluminum and ferric salts in solution.

Typical dosing in newspaper or similar varies from 0.7 to 1.0g per Ton of paper.

HANDLING AND SAFETY

Severe irritation can occur when Sodium Aluminate is in contact with any part of the skin or eyes, rinse with plenty of water running for at least 15 minutes, if symptoms persist, obtain medical care.

PRESENTATION

S-100 is available from 5, 55 gallon drums to 265 gallon IBC totes.

**Special prices in bulk quantities.*

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For additional information see the product MSDS.