



Technical Data Sheet

GU-55

Granular Unstabilized Sodium Aluminate

Granular Sodium Aluminate, a white powder that dissolves readily into water, is a dry form of sodium aluminate. The solution of sodium aluminate is obtained by mixing alumina tri-hydrate into sodium hydroxide. The solution is then made solid by removal of free moisture. GU-55 contains no stabilizing agents.

PROPERTIES

Appearance:	Amorphous powder
Molecular Weight:	81.97
Molecular Formula:	Al ₂ O ₃ -Na ₂ O

SPECIFICATIONS

% Al ₂ O ₃ :	53.0 - 55.0
% Na ₂ O:	40.0 - 42.0
Molar Ratio (Na ₂ O / Al ₂ O ₃):	1.20 - 1.30
Iron:	Max 200 ppm
Insoluble Material	<1.00%

PRINCIPAL USES

Concrete and cement admixtures
Pigments and plastics
Drilling muds

SAFETY / HANDLING

Observe caution when handling corrosive materials. Please consult the safety data sheet (SDS) for safety and handling precautions.

DELIVERY

55 pound sealed bags.

PRODUCTION

USALCO has production facilities in:

- Ashtabula, Ohio

CUSTOMER SERVICE

If you have any questions concerning this material, please contact our Inside Sales Department at:

410-918-2230 or **info@usalco.com**