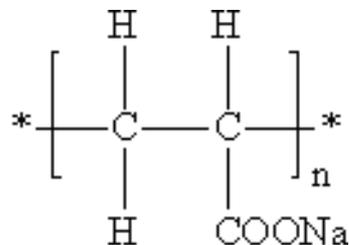


AquaSol® 1100 Polyacrylate Homopolymer

CAS NO.:

Structural Formula:



Physico-Chemical Properties:

Appearance	Colorless to light yellow transparent liquid
Average Molecular Weight	4500 (Mw)
Solid content	47.0-49.0
Density (20°C) g/cm ³	1.20 min
pH(as it)	3.0-4.5
Viscosity (25°C) cps	300-1000

General Information

AquaSol 1100 is a low molecular weight polyacrylate with a selected molecular weight around 4500 to optimize the anti-scale performance through at least three mechanisms:

- Solubility enhancement by threshold effect, which reduces precipitation of low solubility inorganic salts (calcium carbonate in particular).
- Crystal modification, which deforms the growing inorganic salt crystal to give small, irregular, readily fractured crystals that do not adhere well to surfaces and can be easily removed during cleaning operations.
- Dispersing activity, which prevents precipitated crystals or other inorganic particles from agglomerating and depositing on surfaces.

Safety Protection

Acidity, Avoid contact with eye and skin, once contacted, flush with water.