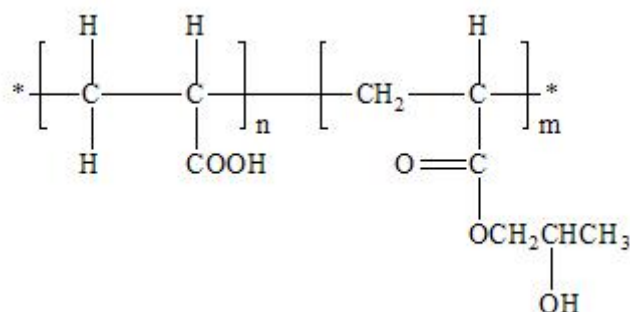


## Acrylic Acid-2-Hydroxypropyl Acrylate Copolymer (T-225)



<b>CAS No.</b>	55719-33-0	<b>EINECS No.</b>	611-308-5
<b>Molecular Formula</b>	$(C_3H_4O_2)_n(C_6H_{10}O_3)_m$		

### Structural Formula



### Product Features

T-225 is copolymer of polyacrylic acid and hydroxypropyl acrylate, it has good scale inhibition and dispersion properties to calcium phosphate and calcium carbonate, it has good dispersion properties to ferric oxide sludge, clay and grease. T-225 can be used under high pH situation and has good compatibility with other organophosphines and BTA, T-225 can effectively withhold sediments of zinc salt and calcium phosphate, it has good scale inhibition and dispersion properties under high temperature and alkaline situations.

### Technical Specification

Parameter	Standard	
	Neutral	Acid
Appearance	Colorless to pale yellow transparent liquid	
Solid content, %	30.0 min	30.0 min
Free monomer (as AA ), %	0.5 max	0.5 max
pH(1% water solution)	7.5±1.0	2.5±0.5
Density (20℃), g/cm <sup>3</sup>	1.10 min	




## Applications & Usage

T-225 can be used in circulating cool water system in situation of alkaline and excess of phosphate. It can be used as scale inhibitor and dispersant for heater, none-column evaporator boiler, circulating cool water and oilfield dirty refilling water with high calcium content. The dosage of 10~30mg/L is preferred. It can be built with organophosphines to form full organic alkaline formula.

## Package & Storage

25kg Bag	200L Drum	1000L IBC	ISO Tank
			
Storage for 10 months in shady room and dry place.			

## Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	  
Once contacted with eye and skin, flush with plenty of clean water.	

## Alternative Name / Synonyms

- Acrylic Acid-2-Hydroxypropyl Acrylate Copolymer T-225