



**MARINE  
CARE**

# AM-FLOC C315S

**Ultra high molecular flocculant for high efficiency wastewater Sludge Dewatering in centrifuges, (belt) filterpresses and screw press.**

- High efficiency
- Easily soluble in water
- Broad cationic range
- High dewatering rate

## DESCRIPTION

AM-FLoc C315S is a broad range cationic emulsion flocculant, with a high degree of charge and very high molecular weight. AM-FLoc C315S is designed for high rate dewatering of activated sludge from wastewater treatment plants on board Cruise liners, Merchant and Navy vessels.

## ADVANTAGE

- Economical to use - effective at lower dosage levels
- Achieve high solids removal efficiencies
- Easily soluble in water; dissolves rapidly

## APPLICATIONS

AM-FLoc C315S is used for dewatering of activated sludge from combined waste water treatment plants on board ships. AM-FLoc C315S creates high dewatering rates, what results in energy savings on the incinerator(s).

A high percentage Dry Solids after the dewatering equipment like decanter, centrifuge, belt/filterpress or vacuumfilter, reduces the amount of sludge.

AM-FLoc C315S can be used in conjunction with all modern wastewater treatment plants, such as Acorn Marine.

## DIRECTIONS FOR USE

AM-FLoc C315S has to be dosed in a distribution manifold for pre-dilution, prior to entering the waste water treatment process.

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## DIRECTIONS FOR USE (CONTINUED)

Avoid centrifugal pumps for polymer transfer, high sheer pumps will crack the molecular chains.

Spilled polymer is very slippery and should be absorbed onto an inert material and collected prior to thoroughly flushing with hot water.

AM-FLoc C315S has to be stored between 5 and 30 °C. Avoid Freezing.

## DOSAGE

See Direction for use.

## PROPERTIES

Chemical type	Cationic Polyacrylamide	
Relative charge	Very high was high eerste alinea	
Molecular weight	High was very high	
pH of 0,5% solution 25°C	3 - 5	
Density	0,75 g/cm <sup>3</sup>	
Physical state	Off white, granular powder	
Viscosity @ 25°C	Dosing	(cP/mPa.sec):
	0,10%	170
	0,25%	380
	0,50%	800
	1,00%	2000

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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