

Amphokem CADP

Specification	Appearance at 25°C	:	Clear liquid free from foreign matter
	pH (Neat at 20°C)	:	7.5 - 9.5
	Solids Content %	:	29.0 - 31.0

Typical Properties	Composition	:	Sodium Cocoiminodipropionate
	CAS Number	:	68608-68-4
	Odour	:	Slight Coconut
	Viscosity at 25°C (cP)	:	30
	Specific Gravity at 20°C	:	1.05
	Solubility in Water	:	Soluble
	Pour Point °C	:	-10
	Flash Point Closed Cup °C	:	>100

Typical properties are based on our own measurements and do not constitute part of the sales specification

Application Amphokem CADP is a biodegradable high foaming amphoteric surfactant containing both carboxyl and amino groups in its chemical structure. Amphokem CADP has a wide range of applications in industrial cleaners and detergents and for other formulations where high stability to electrolytes is required.

Due to its amphoteric nature, in acidic solutions a quaternary ammonium salt is formed resulting in cationic properties. In alkaline conditions it forms a carboxylic salt which gives the product an anionic behaviour. Amphokem CADP is compatible with anionic, cationic and nonionic surface active agents, and shows excellent stability in aqueous solutions containing high electrolyte.

Between the pH limits (approximately 2.5 to 4.5) the cationic and anionic properties are balanced and a "Zwitterion" is formed. This pH range is known as the isoelectric range, within which Amphokem CADP exhibits minimum foaming, wetting and solubility properties.

Typical application examples :

Amphokem CADP is used in many applications where high foaming and good stability to high and low pH is required for example Industrial and Institutional cleaning applications. Also, Amphokem CADP is used as a rubber latex foam stabiliser (especially in conjunction with sulfosuccinates) in shampoo formulations, germicidal formulations, textile auxiliaries, and as a dispersing agent for pigments. This product has exhibits anti-corrosion effects on ferrous metal

Packaging Amphokem CADP can be supplied in bulk road tankers, IBC's, 200kg nett drums.

Storage Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Amphokem CADP in order to prevent corrosion and subsequent contamination. This material can separate on standing and at low temperatures. May require agitation and warming prior to use.

[Request a Sample](#)

[Safety Data Sheet](#)

All information, recommendations and suggestions appearing in the literature concerning the use of the product are based upon tests and data believed to be reliable. However it is the users responsibility to determine the suitability for their own use of the products described here. For non English datasheets translation has been carried out using translation software, Lankem accepts no liability due to errors that occur during translation.

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