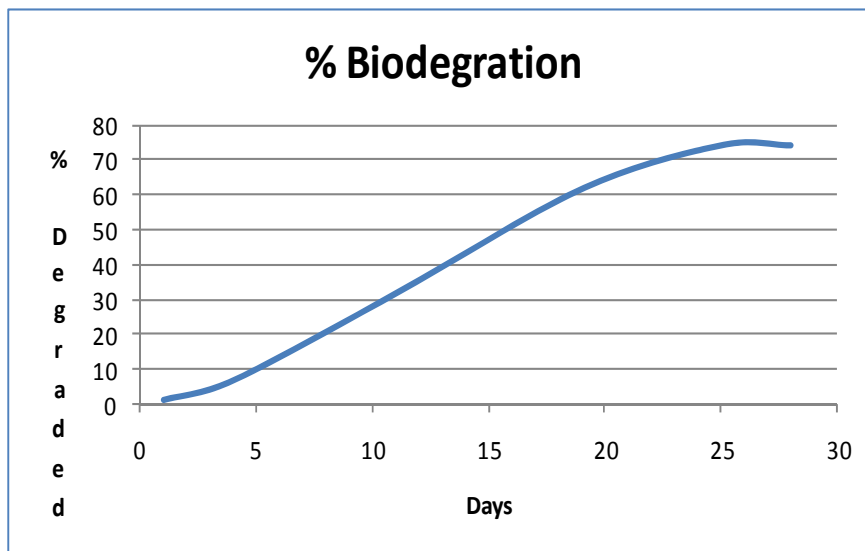


Naxan®PLUS Alkyl Naphthalene Sulfonate Technical Information Update

The Naxan®Plus series is an improved version of Nease’s established and well known alkyl naphthalene sulfonate product line. This series now meets the requirements of OECD Test Method 301B and is classified as “Ultimately Biodegradable” as well as non toxic to aquatic life. This improvement allows formulation of biodegradable products based on the Naxan®Plus series of surface active hydrotropes. These improved products offer similar performance to traditional Naxan® products, as evidenced by the functional performance properties measured at our Technical Center. In addition, the Naxan®Plus product line still meets the requirements of 21 CFR 173.315 concerning indirect contact with food.



OECD 301B - Determination of Ready Biodegradability by
CO₂ Evolution

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Alkyl Naphthalene Sulfonate, Sodium Salt

Naxan®PLUS ABL	Liquid	50%	Low Color, good wetting and moderate foam - beneficial in household and institutional cleaners, textile
Naxan®PLUS ABP	Powder	96%	Powdered version of Naxan®PLUS ABP
Naxan®PLUS AAL	Liquid	50%	Dark color, good wetting, and moderate foam - industrial and alkaline cleaners, photographic chemicals, and printing. Solubilizer for high solids applications
Naxan®PLUS AAP	Powder	96%	Powdered version of Naxan®PLUS AAP

Alkyl Naphthalene Sulfonate, Sodium Salt - Modified

Naxan®PLUS 220	Liquid	50%	Low foam and fast wetting - rinse aids, automatic dish wash, industrial cleaners, and carpet steam cleaners - where reduced foam is essential
Naxan®PLUS 221	Powder	96%	Powdered version of Naxan®PLUS 221
Naxan®PLUS UFL	Liquid	50%	Lowest foam and fastest wetting - industrial, bottle, and specialized cleaners where foam is detrimental to performance
Naxan®PLUS BFL	Liquid	50%	Highest foam and fastest wetting - rug shampoos, liquid car wash, household, institutional, and industrial cleaners where foam enhances performance

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