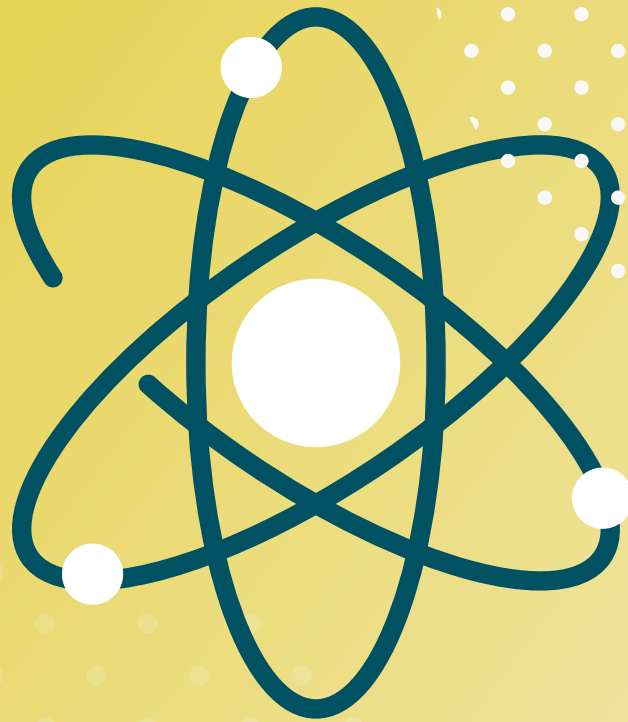


GEMINI SURFACTANTS

Catalogue



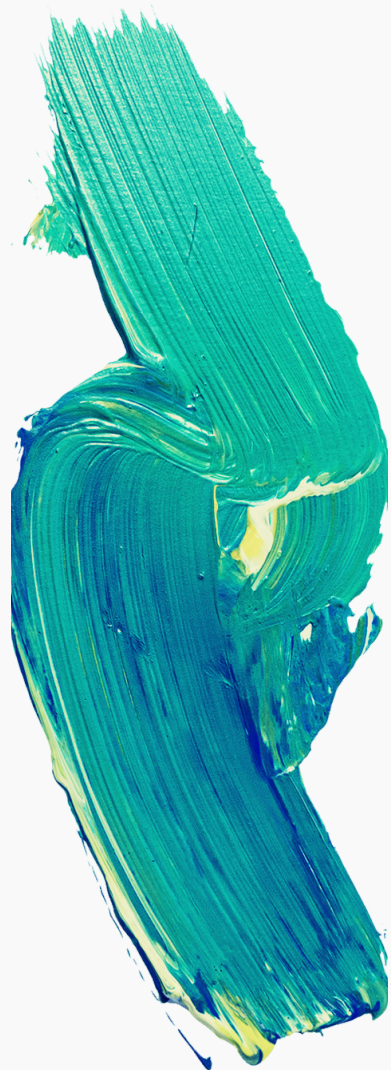
www.nylochem.com
belami@belamichemicals.com

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MFD BY

BELAMI FINE CHEMICALS
PVT. LTD.

ABOUT GEMINI SURFACTANTS



Beneficial properties include foam control, reduction in surface tension resulting in excellent substrate wetting, and rheology stabilization.

Gemini Surfactants find their way in formulations used to make paints, inks, coatings, adhesives, pigment manufacturing, pigment dispersion, dye processing and also metalworking lubricants..

A Gemini Surfactant consists of two conventional surfactant molecules chemically bonded together. These molecules can self-assemble at much lower concentrations and are much superior in surface activity than traditional surfactants.


Gemini surfactants are amphiphiles made of two hydrocarbon tails and two ionic groups linked together by a spacer.

The addition of effective surfactant lowers the surface tension of water until critical micelle concentration (cmc) is reached. Being low in cmc value, gemini surfactants are deployed as highly cost-effective additives.

“

TWO IS
BETTER
THAN
ONE

”

A close-up photograph of a scientist in a white lab coat using a blue pipette to dispense liquid into a test tube. The test tube is part of a rack containing several other test tubes. The background is softly blurred, focusing on the action of the pipette.

NYLO is derived from the name 'NILE' - The sacred Egyptian river. Much like the resourceful river, NYLO's mission is to provide highly effective chemical products along with comprehensive support to reputed establishments.

NYLO Gemini Surfactant additives are the top-performing wetting agents, antifoaming agents, grinding aids and dispersing aids with the enhanced application of two of the most formidable acetylenic diol molecules.

Wetting Agents

Super-Wetting Agents

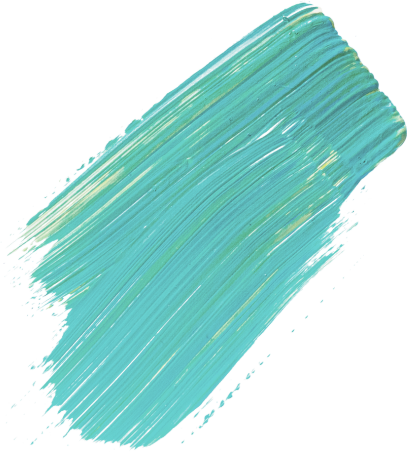
Organic Defoamers

Silicone Defoamers

Molecular Defoamers

Grinding Aids

Paints and Coatings



Defoamer

Molecular Defoamer

Wetting

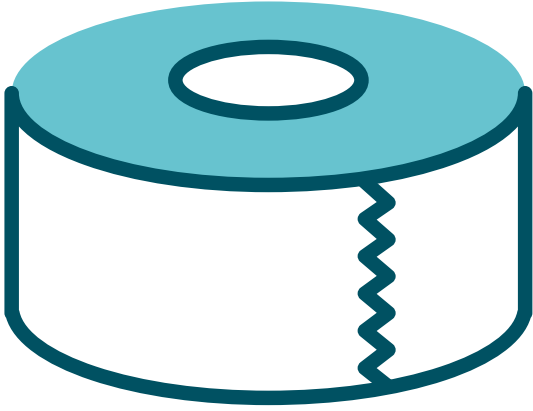
Grinding

Dispersing

	Architectural	Industrial Maintenance	Automotive	Specialty Paper	Plastic	Wood	Powder	Pigment Dispersion
NYLO DF 58	✓	✓				✓		✓
NYLO PC				✓				
NYLO DF 110*		✓	✓					✓
NYLO MD - 20			✓	✓	✓	✓		✓
NYLO 104*	✓	✓	✓	✓	✓	✓	✓	
NYLO 604		✓	✓	✓	✓	✓		
NYLO 420			✓	✓				
NYLO 440		✓	✓	✓		✓		
NYLO 465			✓					
NYLO 485*		✓						
NYLO PSA 336				✓				
NYLO SE-F				✓		✓		
NYLO DIS 221								✓
NYLO DIS 231								✓
NYLO DIS 324								✓

*Multiple Variants

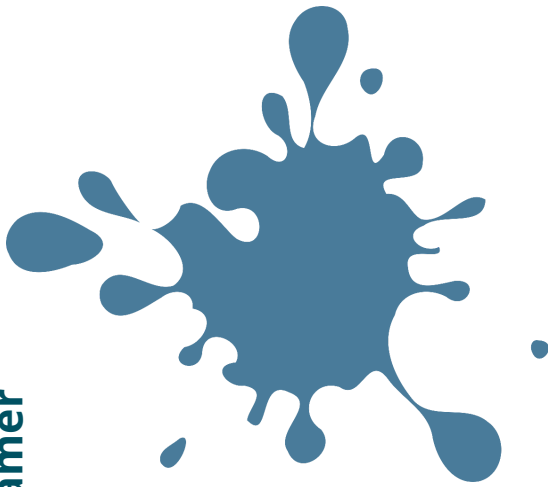
Industrial Specialties



		Adhesives: Film & PSA	Adhesives: Lumber	Adhesives: Lamination	Latex Dipping	Construction: Admix	Construction: Drymix	Agrochemicals	Metalworking		
Defoamer	Molecular Defoamer	NYLO DF 58				✓			✓		
		NYLO PC									
		NYLO DF 110*									
		NYLO MD - 20	✓			✓	✓	✓			
Wetting	Molecular Defoamer	NYLO 104*	✓	✓				✓	✓		
		NYLO 604	✓				✓				
		NYLO 420	✓	✓					✓		
		NYLO 440	✓		✓		✓		✓		
		NYLO 465				✓			✓	✓	
		NYLO 485*				✓			✓	✓	
	Grinding		NYLO PSA 336	✓							
			NYLO SE-F	✓	✓					✓	
			NYLO DIS 221							✓	
			NYLO TG				✓				
NYLO DIS 324											

*Multiple Variants

Inks and Graphic Arts



Defoamer

Molecular Defoamer

Wetting

Grinding

Dispersing

	Inks	Fountain Solution	Overprint Varnish	Pigment Dispersion (Resinated)	Pigment Dispersion (Resin-Free)
NYLO DF 58	✓			✓	✓
NYLO DF 110*		✓		✓	✓
NYLO MD - 20				✓	✓
NYLO 104*					
NYLO 604	✓	✓			
NYLO 420	✓	✓			
NYLO 440		✓			
NYLO 465		✓			
NYLO FS - 85		✓			
NYLO OP - 340			✓		
NYLO PSA 336					
NYLO SE-F	✓				✓
NYLO DIS 221				✓	✓
NYLO DIS 231				✓	✓
NYLO DIS 324				✓	✓

*Multiple Variants

**SPECIALITY CHEMICALS
DIVISION**

NYLO[®]
CHEM

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Quality Management System