



We know what we talk about

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Activae DGR-ECO: Eco-Friendly Cleaner and Degreaser

Activae DGR-ECO is an optimized surfactant blend developed for concentrated water based degreasing, with particular attention to environmental care: all components of **Activae DGR-ECO** comply with the requirements of the EU Detergents Regulation (EC No 648/2004) and they are readily biodegradable, as to Test Method OECD 301/B (non-aquatic toxicity).

Activae DGR-ECO is designed to be the only surfactant mixed with electrolytes (chelating, alkaline and dispersing agents) and it can replace and deliver a better cleaning effect than solvent cleaners, especially if fats and oils are mixed with dust and pigments.

Thanks to accurate choice of high-efficiency active ingredients, 1-4 dioxane content in **Activae DGR-ECO** is below 1 ppm, virtually equal to or close to zero.

Suggested Alkaline Formulation

Water	81%	78%	81%
EDTA 40% min	-	7,0%	7,0%
TKPP	6,0%	3,0%	-
Na-Metasilicate 5H ₂ O	4,0%	3,0%	3,0%
Activae DGR-ECO	9,0%	9,0%	9,0%
CP °C (upper limit)	59°C	50°C	60°C
pH 10% solution	11,8	11,7	11,8
Dilution*	Up to 1-50	Up to 1-50	Up to 1-50

**depending on the application of the cleaners*

For any deviation from these formulations, always check the cleaning efficiency before and after your additive.

N.B.: It may be necessary to homogenize or ensure uniformity of **Activae DGR-ECO** before use.

Formulation Guidelines

1. Add water
2. Dissolve electrolytes (salt)
3. Add **Activae DGR-ECO**
4. Mix until homogeneous and transparent
5. Check the cloud point upper limit*.

**Wrong dosage of ingredients gives remarkable deviation from standard cloud point.*







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Product comparison

Here after are the evidences of cleaning comparison tests of **Activae DGR-ECO** (left) against a well-known cationic / non-ionic blend available in EU (right).

	
Dilution 1 – 10	Dilution 1 – 20
	
Dilution 1 – 40	Dilution 1 – 50

Customer Service

For any information, sample or technical assistance please contact our local partner or us:

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