AmphoChem
INSIGHTFUL DISTRIBUTION

Formulating the Future

A guideline to formulating sustainable cleaning products using AmphoChem ingredients.

In principle, all cleaning products affect the environment in one way or the other. By formulating products that meet the requirement of Third-Party certifications the effect can be significantly reduced. AmphoChem works alongside the world's leading manufactures to provide our customers with products that meet the more stringent certifier standards and regulations, thus supporting our customer to formulate more sustainable products.



The products listed in this brochure are supported by our suppliers for Nordic Swan Ecolabel and EU Ecolabel. Changes in the criteria can impact the list of products, and this brochure should be considered as a living document that will be subject to change when additional information is available.

How to use the brochure

- The DID number of the products included in part A of the DID-list (version 2016) can be found in the table together with the degradation factor (Df) and toxicity factor (Tf) for the product.
- For products that are not included in the DID-list, the procedure described in part B of the DID-list, has been used to obtain the degradation factor (Df) and toxicity factor (Tf).
- The Critical Dilution Volume (CDV) is generally calculated from the Df and Tf (chronic). If Tf (chronic) is lacking, Tf (acute) can be used.
- To calculate the Tf for the product as such (active matter considered), simply divide the Tf value with the active content.
- The natural content of the products is derived from molecular weight mass balance calculations. RCI is the Renewable Carbon Index (renewable carbon atoms / total carbon atoms).

Product	Active content [%]	DID - No	Aerobic /Anaerobic biodegradability[1]	Df	Tf(acute)	Tf(chronic)	Natural content [%]/ RCI [%]	Palm oil/Palmcernel oil/ Palm oil derivate	Hazard statement (CLP classification)
Alcohol ethoxylate/alkoxylate									
Berol 260	100	2156	Y/Y	0.05	0.005	0.15	0	No	H319
Berol 266	100	2156	Y/Y	0.05	0.005	0.15	0	No	H302, H318
Berol 360	100	2156	Y/Y	0.05	0.005	0.15	42/56	Yes[2]	H319
Berol 366	100	2156	Y/Y	0.05	0.005	0.15	35/48	Yes[2]	H302, H318
Berol 185 PO	90	NA	Y/Y	0.05	0.0063	-	27/33	Yes[2]	NC
Ethylan 1003	100	2107	Y/Y	0.05	0.00746	0.15	0	No	H319
Ethylan 1005	100	2107	Y/Y	0.05	0.00746	0.15	0	No	H3118
Ethylan 1008	100	2107	Y/Y	0.05	0.00746	0.15	0	No	H302, H318
Ethylan 1008W	90	2107	Y/Y	0.05	0.00746	0.15	0	No	H302, H318
Ethylan HB4	100	NA	Y/Y	0.05	0.047	-	0	No	H319
Co-Surfactants									
AG 6202	65	2134	Y/Y	0.05	0.028	0.175	64/45	No	H318
AG 6206	75	2134	Y/Y	0.05	0.028	0.175	73/57	No	H318
Berol SurfBoost AD15	65	NA	Y/Y	0.05	0.013	-	18/26	Yes[2]	NC
Berol EP25	70	NA	Y/Y	0.05	0.014	-	0	No	NC
Optimized Surfactant blends									
Berol DGR 81	95	NA	Y/Y	0.05	0.010	-	37/33	No	H315, H318
Glutamate Surfactants									
Perlastan SC(G)[3]	25-38	2031[3]	Y/Y	0.05	0.238	0.238	94/100[3]	Yes[2,3]	H319
Rheo2Green[4]	42	NA	Y/Y	0.05	-	-	-	-	H319

[1] Y = Yes, N = No, O = Data is missing

[2] Certified RSPO source

[3] Available in different qualities

[4] Product data available on demand

Product	Active content [%]	DID - No	Aerobic /Anaerobic biodegradability[1]	Df	Tf(acute)	Tf(chronic)	Natural content [%]/ RCI [%]	Palm oil/Palmcernel oil/ Palm oil derivate	Hazard statement (CLP classification)
Polymers									
Alcoguard 4160	40	2508	N/N	1	0.1	0.58	0	No	NC
Alcosperse 747	40	2508	N/N	1	0.1	0.58	0	No	NC
Alcoguard H5941	40	NA	Y/Y	0.05	0.04	-	75/[5]	No	NC
Chelating agents									
Dissolvine GL-47-S	47	2510	Y/Y	0.05	0.1	10	47/56	No	H290
Dissolvine StimWell HTF	47	2510	Y/Y	0.05	0.1	10	53/56	No	NC
Dissolvine M-40	40	2608	Y/Y	0.05	0.1	10	40/43	No	H290
Dissolvine CSA	30	NA	R/O	0.05	0.79	0.79	79/86	No	NC

[1] Y = Yes, N = No, O = Data is missing

[5] Contact us for further information

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