

iBiotec®

ALTERNATIVE SOLVENTS - CMR SUBSTITUTION Eco-SOLVENTS

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iBiotec NEUTRALÈNE® 630



SUBSTITUTE FOR CHLORINATED SOLVENTS
in their cold applications
washing, diluting, degreasing, cleaning
NO TOXICITY or ENVIRONMENTAL HAZARD SYMBOL
European Regulation CLP 1272/2008
SGH - GHS Regulations



TYPICAL PHYSICAL AND CHEMICAL SPECIFICATIONS

PHYSICAL AND CHEMICAL SPECIFICATIONS	STANDARDS	VALUES	UNITS
Appearance	Visual	Fluid	-
Colour	Visual	Colourless	-
Odour	Olfatory	Characteristic	-
Density at 25°C	NF EN ISO 12185	835	kg/m ³
Refractive index	ISO 5661	1.4065	-
Freezing point	ISO 3016	<-60	°C
Boiling point		178	
Water solubility	-	0	%
Kinematic viscosity at 25°C	NF EN 3104	1.2	mm ² /s
Acid value	EN 14104	0	mg(KOH)/g

Iodine value	NF EN 14111	0	gI ₂ /100g
Water content	NF ISO 6296	<10	ppm
Residue after evaporation	NF T 30-084	0	%
Vapour pressure at 20°C	NF EN 13016-1	0.08	kPa
PERFORMANCE SPECIFICATIONS			
SPECIFICATIONS	STANDARDS	VALUES	UNITS
KB index	ASTM D 1133	>250	-
Evaporation rate	n-butylacetate = 1 DEE = 1	5.54 nm 32'	Index
Surface tension at 20°C	ISO 6295	25.2	Dyn/cm
Breakdown voltage	IEC 156	48 000	Volts
Copper blade corrosion 100h at 40°C	ISO 2160	1a	Rating
FIRE SAFETY SPECIFICATIONS			
SPECIFICATIONS	STANDARDS	VALUES	UNITS
Flash point (closed cup)	ISO 2719	63	°C
Flash point	ASTM E 659	220	°C
Lower explosion limit	NF EN 1839	0.63	% (density)
Upper explosion limit	NF EN 1839	23.6	% (density)
TOXICOLOGICAL SPECIFICATIONS			
SPECIFICATIONS	STANDARDS	VALUES	UNITS
CMR, irritating and corrosive substance content	CLP Regulation	0	%
ENVIRONMENTAL SPECIFICATIONS			
SPECIFICATIONS	STANDARDS	VALUES	UNITS
Biodegradation	OECD 301 A OECD 301 C (MITI)	>70	% %
Danger to water	WGK	1	Class
OVC content (Organo-Volatile Compounds)	-	100	%
Sulphur content	GC-MS	0	%
Benzene content	ASTM D6229	0	%
Total halogen content	GC-MS	0	%
Chlorinated solvents content	-	0	
Aromatic solvents content	-	0	
Hydrocarbon solvent content		0	
Content of substances dangerous for the environment	CLP regulation	0	%
Content of compounds with a GWP (Global Warming Potential)	-	0	%
Content of compounds with ODP (Ozone Depletion Potential)	-	0	%

NEUTRALENE® 630 is a binary azeotrope.

It is easily recoverable, distillable, and reusable without any loss of its physico-chemical characteristics. The distillation temperature is that of its boiling point; this can be lowered by 30% when using a vacuum distiller.

NEUTRALENE® 630 is also recoverable, not decanting.

DIRECTION FOR USE

NEUTRALENE® 630 is pure and immiscible with water. **NEUTRALENE® 630** is available in water-rinsable version under the reference **NEUTRALENE® 630 EM**. It is recommended for cleaning floors soiled by resins. After dissolving, the product can easily be removed with water.

APPLICATION AREAS

Degreasing of parts after machining

Dissolving or cleaning of polymer and copolymer resins

Cleaning of application materials for polyurethane resins, epoxies, and bis GMA



Degreasing cloth



Degreasing with brush



*Ultrasound tanks
only for NEUTRALENE 630*



*Spray washing machine
only for NEUTRALENE 630*



Solvent fountains



Rotational or translational basket



A3 washing machines

PRESENTATIONS



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Consulter la fiche de données de sécurité.

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