

iBiotec®

**MANUFACTURER OF TECHNICAL AEROSOLS AND PRODUCTS FOR INDUSTRY
PROCESSES - MRO - MAINTENANCE
ALTERNATIVE SOLVENTS 100% SAFE**

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iBiotec®

NEUTRALÈNE® 2015

**CLEANING SOLVENT DEGREASER WITH EXTRA-STRONG SOLVENT POWER
FAST EVAPORATION RATE 15 MINUTES AT 20°C (ZERO AIR FLOW)
SPECIALLY FORMULATED FOR DIFFICULT DEGREASING OPERATIONS
ELIMINATION OF BURNT-ON GREASES, DRIED MINERAL AND VEGETABLE OILS
TRACES OF VEGETABLE RESINS, CONTACT ADHESIVES, FRESH INKS, MASKING,
REQUIRING FAST ACTION
FLASHPOINT NOT MEASURABLE**

**GUARANTEED FREE FROM GREENHOUSE
FLUORINATED COMPOUNDS WITH A GWP above 150
EU Regulation 517/2014 F. Gas Directive
prohibited from 1st January 2018**



DESCRIPTION

NEUTRALÈNE® 2015 is a degreaser developed to cope with extreme cases
Flashpoint not measurable
Ultra-fast evaporation
Solvent power suitable for all requirements
Compatible with most substrates

APPLICATIONS

NEUTRALÈNE® 2015 eliminates all contaminants such as:
Lubricants for maintenance.

Cutting products, temporary protection for construction, varnishes, sliding in mechanical construction.

Animal greases, lanolin, tallow, spermaceti oil, sodium tallowate, lard.

Vegetable oils, such as palm oil or grease, castor oil, rapeseed oil, sunflower oil, dried oils.

Petroleum waxes, paraffins.

Microcrystalline waxes.

Residues of glues, of non-polymerised seals, traces of adhesives, colophane solder flux.

APPLICATIONS

Mixing, conditioning and packaging installations.

Mechanical construction, metal processing.

Maintenance and cleaning in industrial environments.

Production, assembly, and fitting lines.

Creation of electrical and electronic components.

Degreasing operations before metrological inspection.

Degreasing of measuring and test instruments.

Washing of optics, clock mechanisms, metering equipment, sighting equipment.

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Appearance	Visual	Fluid	-
Colour	Visual	Colourless	-
Scent	Olfactory	Low	-
Density at 25°C	NF EN ISO 12185	780	kg/m ³
Refraction index	ISO 5661	1.4080	-
Freezing point	ISO 3016	-65	°C
Water solubility	-	Partial	%
Kinematic viscosity at 40°C	NF EN 3104	0.85	mm ² /s
Acid index	EN 14104	0.1	mg(KOH)/g
Iodine index	NF EN 14111	nm	gl ₂ /100g
Water content	NF ISO 6296	0.025	%
Residue after evaporation	NF T 30-084	0	%
Steam pressure at 20°C	NF EN 13016-1	> 0.01	hPa

PERFORMANCE PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
KB index	ASTM D 1133	117	-
Evaporation speed	-	15	min.
Surface tension at 20°C	ISO 6295	25	dyne/cm
Breakdown voltage	NF EN 60156/IEC 156	nm	Volts
Copper blade corrosion 100 h at 40°C	ISO 2160	1a	Measured value

FIRE SAFETY PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Flashpoint (closed tank)	ISO 2719	not measurable	°C
Self-combustion point	ASTM E 659	> 240	°C
Lower Explosive Limit	NF EN 1839	0.7	% (volume)
Upper Explosive Limit	NF EN 1839	13,7	% (volume)
Explosive, oxidising agent, flammable, highly or extremely flammable substance content	CLP Regulation	-	%

TOXICOLOGICAL PROPERTIES

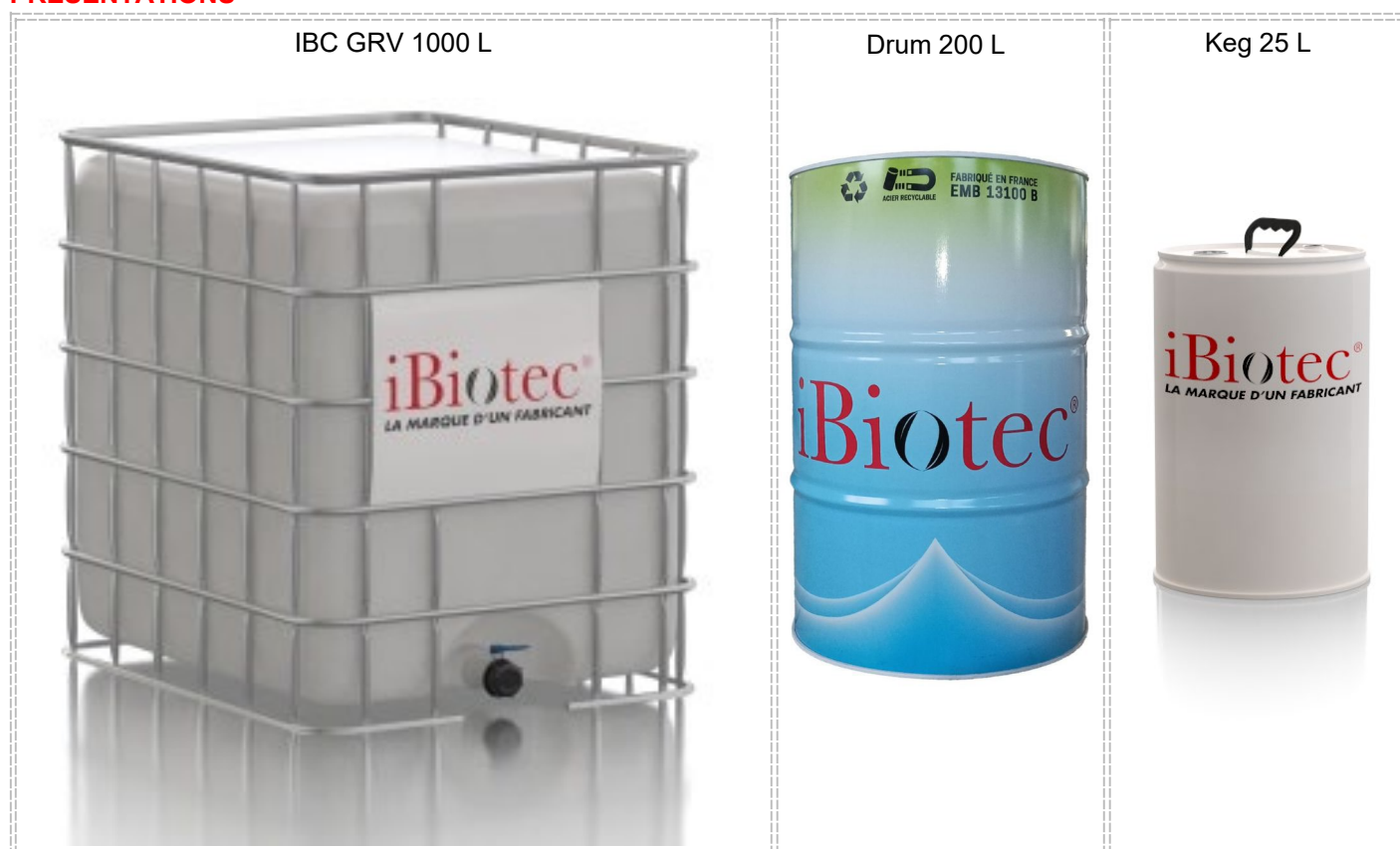
PROPERTIES	STANDARDS	VALUES	UNITS
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Anisidine index	NF ISO 6885	nm	-
Peroxide index	NF ISO 3960	nm	meq(O ₂)/kg
TOTOX (anisidine index+2x peroxide index)	-	nm	-
CMR, irritant and corrosive substance content	CLP Regulation	0	%
Residual methanol content from transesterification	GC-MS	0	%
Emissions of hazardous compounds, CMR, irritants, corrosive at 160°C	GC-MS	0	%

ENVIRONMENTAL PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Biodegradability	OECD 301	nm	-
Steam pressure at 20°C	-	> 0.01	hPa
VOC content (Volatile Organic Compounds)	-	100	%
Sulphur content	GC MS	0	%
Benzene content	ASTM D6229	0	%
Total halogen content	GC MS	-	%
Chlorinated solvent content	-	0	
Aromatic solvent content	-	0	
Environmentally-hazardous substance content	CLP Regulation	0	%
Content of compounds with GWP	-	< 1	%
Content of compounds with ODP	-	0	%
Carbon assessment, life cycles analysis.	ISO 14040	nm	Kg carbon equivalent

PRESENTATIONS



INSTRUCTIONS FOR USE



Degreasing with rag



Degreasing with brush



Ultrasound tanks



Hot or cold immersion tanks

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