

iBiotec®


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

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**INDUSTRIAL DEGREASING SOLVENT
OPTIMISED FLASHPOINT/EVAPORATION SPEED RATIO
NOT CLASSIFIED FLAMMABLE CLP CE 1272 GHS REGULATIONS
DIELECTRIC, BREAKDOWN VOLTAGE IEC 156 63,000 volts
FOR CLEANING AND MOIST DECONTAMINATION OPERATIONS
DEGREASING SOLVENT FOR DEGREASING PARTS WASHERS
INDUSTRIAL MAINTENANCE AND GENERAL MECHANICS DEGREASING
ELIMINATION OF WET INKS FOR FLEXOGRAPHY-HELIOGRAPHY
iBiotec NEUTRALÈNE® ECO 60**

Mix of narrow cut hydrocarbons producing a fast evaporation speed for a maximum flashpoint. Hydrotreated by catalysis, **NEUTRALÈNE® ECO 60** is entirely free of aromatics and benzene.

This product is intended for degreasing operations in mechanical applications and industrial maintenance, but its significant neutrality in relation to plastics means that it can be used in many other fields. Degreasing solvent for parts washers.

FLASHPOINT 62°C NF EN ISO 2719 CLP CE 1272/2008 SGH EU Regulation 2015/1221	Drum 200 L 
EVAPORATION SPEED 35min	
DEGREASING POWER 32 (Kauri Butanol index ASTM D 1133)	

APPLICATIONS

Cleaning and degreasing mechanical components, bearings, rollers, slides, racks, power transmissions and information transmissions.

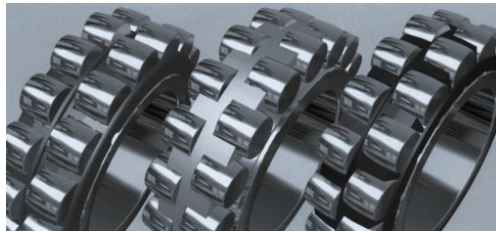
Clean-up of tagged-out electrical devices.

Industrial maintenance.

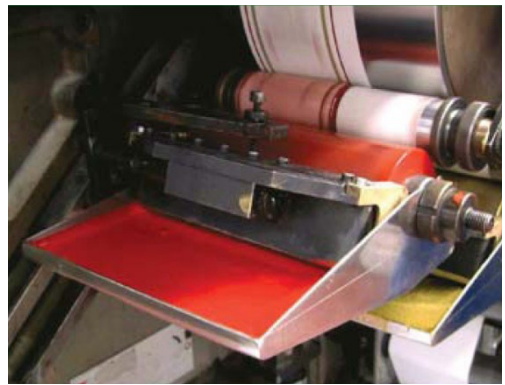
Cleaning operating in assembly workshops.

Degreasing operation in solvent parts washers.

Removal of wet inks in flexography and heliography printing.



Degreasing of mechanical components



Cleaning inks from flexography cylinders

INSTRUCTIONS FOR USE

Use undiluted.

Elimination with mechanical action, rag, paintbrush, brush, low-pressure sprayer.

Degreasing parts washers.

Do not use in ultrasonic bins.

Usage precautions: in order to remain in optimum safety conditions, we advise working at 15 at 20°C below the product flash-point.

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Appearance	Visual	Clear	-
Colour*	Visual	Colourless	-
Odour	Olfactory	Slight	-
Density at 25°C	NF EN ISO 12185	805	kg/m ³
Refraction index	ISO 5661	1.4410	-
Freezing point	ISO 3016	-50	F
Water solubility	-	Insoluble	%
Kinematic viscosity at 40°C	NF EN 3104	1.8	mm ² /s
Acid index	EN 14104	0	mg(KOH)/g
Iodine index	NF EN 14111	0	gI ₂ /100g
Water content	NF ISO 6296	0.005	%
Residue after evaporation	NF T 30-084	0	%

PERFORMANCE CHARACTERISTICS

PROPERTIES	STANDARDS	VALUES	UNITS
Kauri Butanol index	ASTM D 1133	32	-
Evaporation speed	-	35	min.
Surface tension at 20°C	ISO 6295	23.6	dyne/cm
Breakdown voltage	NF EN 60156/IEC 156	63,000	Volts
Copper blade corrosion 100 h at 40°C	ISO 2160	1a	Measured value

FIRE SAFETY CHARACTERISTICS

PROPERTIES	STANDARDS	VALUES	UNITS
Flashpoint (closed cup)	ISO 2719	62	F
Autoignition point	ASTM E 659	> 230	F
Lower Explosive Limit	NF EN 1839	0.6	% (volume)
Upper Explosive Limit	NF EN 1839	7.0	% (volume)
Explosive, oxidising agent, flammable, highly or extremely flammable substance content	GHS Regulation	0	%

TOXICOLOGICAL CHARACTERISTICS

PROPERTIES	STANDARDS	VALUES	UNITS
Anisidine index	NF ISO 6885	nm	-
Peroxide index	NF ISO 3960	nm	meq(O ₂)/kg
TOTOX (anisidine index+2x peroxide index)	-	nm	-

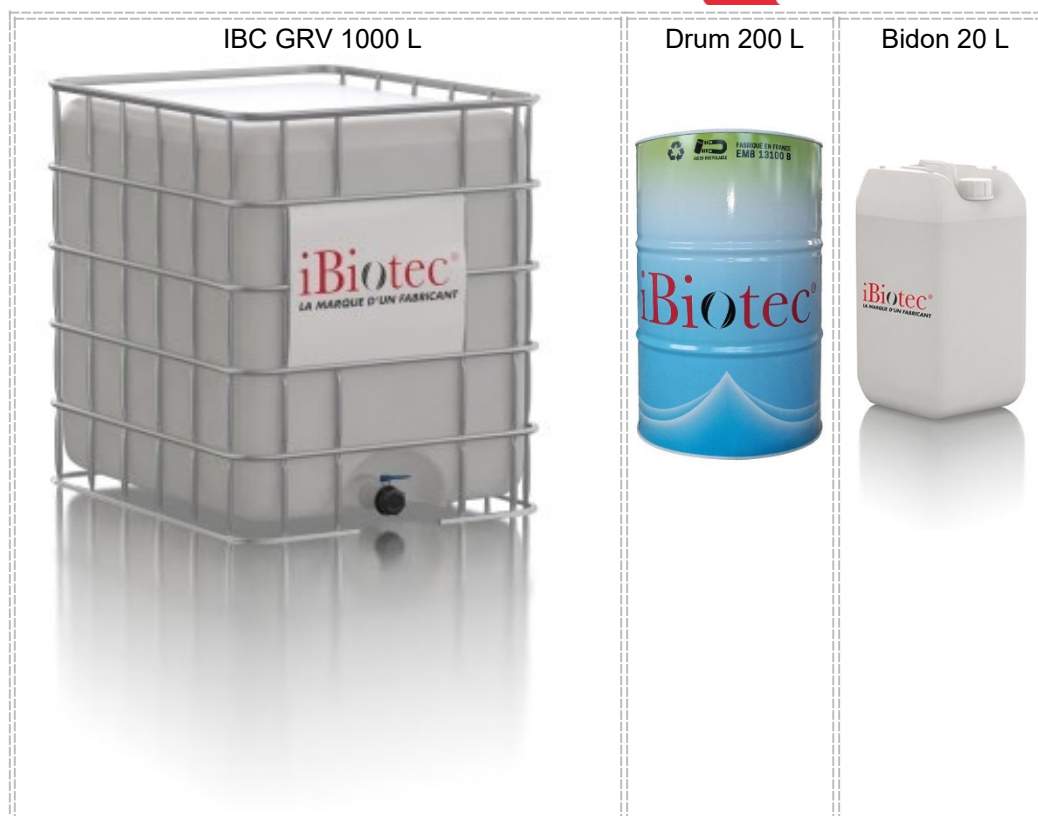
CMR, irritant and corrosive substance content	GHS Regulation	0	%
Residual methanol content from transesterification	GC-MS	0	%
Emissions of hazardous compounds, CMR, irritants, corrosive at 160°C	GC-MS	0	%

ENVIRONMENTAL CHARACTERISTICS

PROPERTIES	STANDARDS	VALUES	UNITS
Biodegradability	OECD 301	easily biodegradable	-
Steam pressure at 20°C	-	0.38	hPa
VOC content (Volatile Organic Compounds)	-	100	%
Sulphur content	GC MS	0	%
Benzene content	ASTM D6229	0	%
Total halogen content	GC MS	0	%
Chlorinated solvent content	-	0.00	%
Aromatic solvent content	-	0.00	%
Environmentally-hazardous substance content	GHS Regulation	0	%
Content of compounds with GWP	-	0	%
Content of compounds with ODP	-	0	%
Carbon assessment, life cycles analysis.	ISO 14040	nm	Kg carbon equivalent

* not measured or not measurable

PRESENTATIONS



INSTRUCTIONS FOR USE



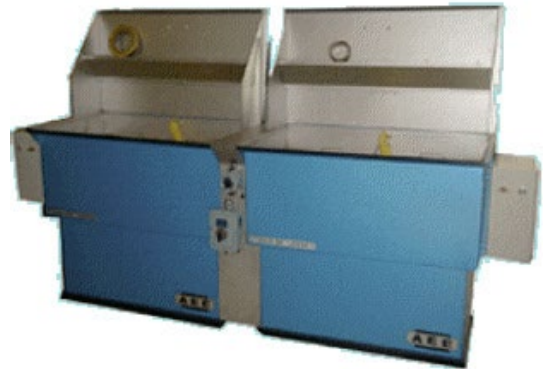
Degreasing with rag



Degreasing with brush



Solvent parts washers



Hot or cold immersion tanks



Rotating or forward-travelling basket



A3 washing machines

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