

iBiotec[®]

NEUTRALÈNE[®] ECO 60

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

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.

Drum 200 L

FLASHPOINT 66°C

NF EN ISO 2719

CLP CE 1272/2008 SGH

EU Regulation 2015/1221

EVAPORATION

SPEED 35min

DEGREASING

POWER 32

(Kauri Butanol index ASTM D 1133)

NEW DRUM !



**100% RECYCLABLE
STEEL PACKAGING
RECOVERABLE, REMOVABLE.**

**NEUTRALENE ECO 60 is available with ULTRA-STRONG solvent
power**

KAURI BURANOL INDEX 120

under the iBiotec NEUTRALENE RS 60 reference

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 neat.

Removal by mechanical action using a cloth, brush, paintbrush, or low-pressure sprayer.

Suitable for use in parts-washing/degreasing stations.

Can be used in ultrasonic cleaning tanks.

Precautions for use: To maintain optimum safety conditions, it is recommended to operate at a temperature 15 to 20°C below the product's flash point for short cleaning cycles of 10 to 15 minutes.

Hazardous. Observe the precautions for use. Carefully read the hazard and risk statements on the packaging. Refer to the Safety Data Sheet (SDS).

[Download the data sheet](#)

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	STANDARDS	VALUES ECO 60	VALUES RS 60	UNITS
Appearance	Visual	Clear	Clear	-
Colour*	Visual	Colourless	Colourless	-
Odour	Olfactory	Slight	Slight	-

Density at 25°C	NF EN ISO 12185	805	815	kg/m ³
Refraction index	ISO 5661	1.4410	1.4350	-
Freezing point	ISO 3016	-50	-50	F
Water solubility	-	Insoluble	Insoluble	%
Kinematic viscosity at 40°C	NF EN 3104	1.8	1.4	mm ² /s
Acid index	EN 14104	0	0	mg(KOH)/g
Iodine index	NF EN 14111	0	0	gI ₂ /100g
Water content	NF ISO 6296	0.005	0.005	%
Residue after evaporation	NF T 30-084	0	0	%

PERFORMANCE CHARACTERISTICS

PROPERTIES	STANDARDS	VALUES ECO 60	VALUES RS 60	UNITS
Kauri Butanol index	ASTM D 1133	32	120	-
Evaporation speed	-	35	36	min.
Surface tension at 20°C	ISO 6295	23.6	23.4	dyne/cm
Breakdown voltage	NF EN 60156/IEC 156	63,000	60,000	Volts
Copper blade corrosion 100 h at 40°C	ISO 2160	1a	1a	Measured value

FIRE SAFETY CHARACTERISTICS

PROPERTIES	STANDARDS	VALUES ECO 60	VALUES RS 60	UNITS
Flashpoint (closed cup)	ISO 2719	66	63	F
Autoignition point	ASTM E 659	> 230	> 230	F
Lower Explosive Limit	NF EN 1839	0.6	0.7	% (volume)
Upper Explosive Limit	NF EN 1839	7.0	7.0	% (volume)
Explosive, oxidising agent, flammable, highly or extremely flammable substance content	GHS Regulation	0	0	%

TOXICOLOGICAL CHARACTERISTICS

PROPERTIES	STANDARDS	VALUES ECO 60	VALUES RS 60	UNITS
Anisidine index	NF ISO 6885	nm	nm	-
Peroxide index	NF ISO 3960	nm	nm	meq(O ₂)/kg
TOTOX (anisidine index+2x peroxide index)	-	nm	nm	-

CMR, irritant and corrosive substance content	GHS Regulation	0	0	%
Residual methanol content from transesterification	GC-MS	0	0	%
Emissions of hazardous compounds, CMR, irritants, corrosive at 160°C	GC-MS	0	0	%
ENVIRONMENTAL CHARACTERISTICS				
PROPERTIES	STANDARDS	VALUES ECO 60	VALUES RS 60	UNITS
Biodegradability	OECD 301	easily biodegradable	easily biodegradable	-
Steam pressure at 20°C	-	0.38	0.38	hPa
VOC content (Volatile Organic Compounds)	-	100	100	%
Sulphur content	GC MS	0	0	%
Benzene content	ASTM D6229	0	0	%
Total halogen content	GC MS	0	0	%
Chlorinated solvent content	-	0.00	0.00	%
Aromatic solvent content	-	0.00	0.00	%
Environmentally-hazardous substance content	GHS Regulation	0	0	%
Content of compounds with GWP	-	0	0	%
Content of compounds with ODP	-	0	0	%
Carbon assessment, life cycles analysis.	ISO 14040	nm	nm	Kg carbon equivalent

* not measured or not measurable

PRESENTATIONS



IBC GRV 1000 L



Drum 200 L



Bidon 20 L



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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iBiotec® 2 000 TECHNICAL PRODUCTS FOR ALL INDUSTRIES