



Datasheet - Last update: 2025-03-05

iBiotec®
BIOSANE® NF 100
BRAKE CLEANER SPRAY
3 FUNCTIONS
Degreaser Dust Remover Particle Remover

Rapid evaporation rate + maximum efficiency

***Guaranteed free of acetone,
chlorinated solvents and aromatics***

BIOSANE NF 100 is a mixture of high-index KB solvents, used to clean and maintain all brake system components. Platelets, cylinder disks, caliper segments, drums. It is compatible and effective on all types of brakes, including cast iron, composite, ceramic and carbon/carbon

Fatty residues

They come mainly from brake fluids, cardanic greases, cylinders and pistons, accidental oil leaks from the vehicle itself or the roadway.

Dusts

Mainly from the roadway or chassis, climatic pollution, sludge or traffic.

Particles

These are the famous PF 10s; they come from brake pad wear, but also from tyre wear and road surfaces.

BIOSANE NF 100's rapid evaporation and its very high solvent power mean it has many other uses:

- Carburettor and clutch cleaning
- Oil filter degreasing, cleaning diesel injectors, flow meters and rims
- Degreasing assemblies with complex shapes
- Degumming slides of machine tools and press tool ball columns
- Cleaning plastics, technical parts, PVC joinery, etc.

BIOSANE NF 100 is compatible with all metals, thermosets or thermoplastics except polystyrene. It has no effect on paints, elastomers (hoses) or plastics. Unlike many brake cleaning products on the market, BIOSANE NF 100 is guaranteed free of acetone, chlorinated solvents and aromatics (xylene, toluene), which, in addition to their toxicity, strongly attack these materials.

The **ISO EN 982** standard deals specifically with **safety in the field of hydraulics**. It was strengthened by the **French decree 2008-1156 of 07 November 2008** that enforced the **prevention of all risks**, in this area in particular. Biosane NF 100 is used as a hose cleaning agent that allows any oil leaks or ruptures to be detected.

HOW TO USE AND RECOMMENDATIONS

Shake the container well before use. Spray 10 to 15 cm away from the surfaces to be cleaned. Disassemble brake pads before cleaning them.

TYPICAL PHYSICAL AND CHEMICAL SPECIFICATIONS

SPECIFICATIONS	STANDARDS	VALUES	UNITS
Appearance	Visual	Fluid	-
Colour	Visual	Colourless	-
Odour	Olfaction	Odourless	-
Density at 25° C	NF EN ISO 12185	683	kg/m ³
Refractive index	ISO 5661	1.4120	-
Freezing point	ISO 3016	-50	°C
Solubility in water	-	0	%
Kinematic viscosity at 40°C	NF EN 3104	0.52	mm ² /s
Water content	NF ISO 6296	<0.005	%
Residue after evaporation	NF T 30-084	0	%
Vapour pressure at 20°C	NF EN 13016-1	113	hPa

PERFORMANCE SPECIFICATIONS

SPECIFICATIONS	STANDARDS	VALUES	UNITS
KB index	ASTM D 1133	134	-
Evaporation rate	-	<1	mn
Surface tension at 20° C	ISO 6295	18.7	N/m
Copper blade corrosion 100h at 40° C	ISO 2160	1a	Rating

FIRE SAFETY SPECIFICATIONS

SPECIFICATIONS	STANDARDS	VALUES	UNITS
Flash point (closed cup)	ISO 2719	<23	°C
Flash point	ASTM E 659	<230	°C
Lower explosion limit	NF EN 1839	0.9	% (density)
Upper explosion limit	NF EN 1839	9.5	% (density)

TOXICOLOGICAL SPECIFICATIONS

SPECIFICATIONS	STANDARDS	VALUES	UNITS
CMR, irritating and corrosive substance content	CLP Regulation	0	%
Residual methanol content from transesterification	GC-MS	0	%
Emissions of hazardous compounds, CMR, irritants and corrosive substances at 160° C.	GC-MS	0	%

ENVIRONMENTAL SPECIFICATIONS

SPECIFICATIONS	STANDARDS	VALUES	UNITS
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 (Toluene, Xylene, etc.)	-	0	-
Ketone content (acetone, methyl ethyl ketone, etc.)	-	0	-
Content of compounds with a GWP (global warming potential)	-	0	%

Content of compounds with ODP (ozone layer destruction potential)	-	0	%
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PRESENTATION



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Consulter la fiche de données de sécurité.

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