

iBiotech®

NEUTRALÈNE® N 100

SAFETY DEGREASING SOLVENT

Non-flammable, VOC-free

Readily biodegradable

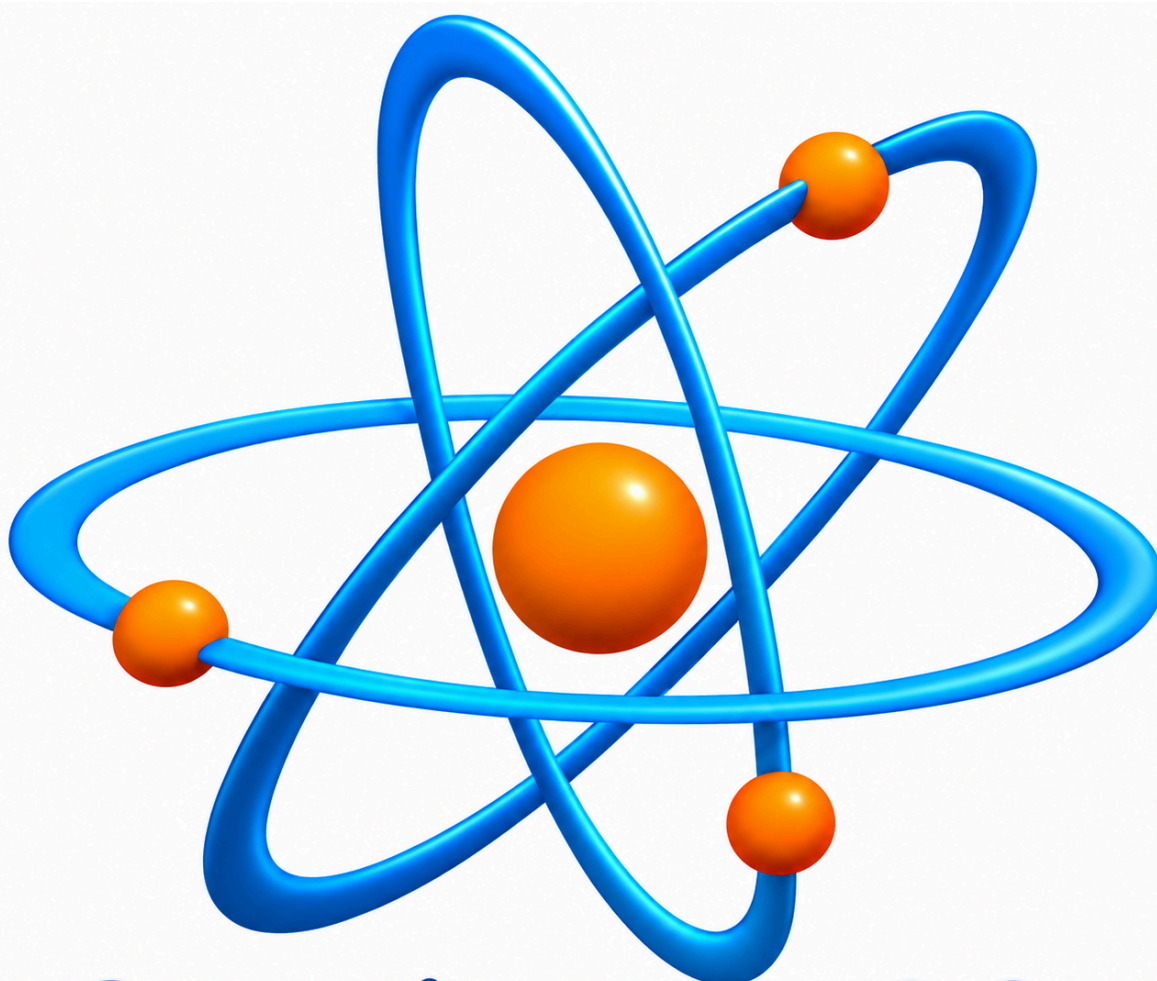
Evaporates completely,
leaves no residue

Can be used cold or hot

Specially designed for parts washers

***HIGH-PERFORMANCE DEGREASING SOLVENT
SPECIAL PARTS WASHERS, STRUCTURES,
NETWORKS, PIPEWORK, RETENTION AREAS,
INDUSTRIAL MAINTENANCE***





Contains no VOCs

NON-FLAMMABLE

Can be used cold or in baths up to 70°C.

Allows ATEX zone declassification.

Very high solvent power, KB value above 50.

Dielectric breakdown voltage IEC 156

50,000 volts.

Immediate dissolution of tars, crude oil, heavy hydrocarbons, combustion residues, greases and lubricants.

Specially formulated for accelerated settling in solvent parts washers.

SMP OPTIMISATION
Solvent Management Plan
(IED DIRECTIVE)

Assessment of solvent inputs and material outputs
Low volatility, reduced consumption.

ELIMINATION OF SOLVENT EMISSIONS

 ODP 0	 PRP 0
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Freezing point: -20°C. Outdoor storage permitted.

Reduction of industrial risks, business interruption losses, and third-party liability (Insurance Code)

DESCRIPTION

Non-flammable, VOC-free, biodegradable, degreasing solvent. A safe cleaning agent with high solvent power, specially developed for use in solvent

parts washers. A technical fluid based on plant-derived esters of agricultural origin, it can also be used for all manual degreasing operations, with or without mechanical action, or by immersion in cold or hot baths up to 70°C.

PRECAUTIONS FOR USE

NEUTRALENE® N 100 presents no hazard, except in the highly unlikely event of accidental ingestion. Refer to the Safety Data Sheet for recommendations regarding storage, use and disposal after use.

"Dangerous. Follow the safety instructions."

TYPICAL PHYSICOCHEMICAL PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Appearance	Visual	Fluid	-
Colour*	Visual	Colourless	-
Odour	Olfactory	Odourless	-
Density at 25 °C	NF EN ISO 12185	805	kg/ m ³
Refractive index	ISO 5661	1,4465	-
Freezing point	ISO 3016	<-20	°C
Solubility in water	-	Insoluble	%
Kinematic viscosity at 40 °C	NF EN 3104	2.5	mm ² /s
Acid value	EN 14104	<0,1	mg(KOH)/g
Iodine value	NF EN 14111	0	g ₂ /100g
Water content	NF ISO 6296	<0,001	%
Residue after evaporation	NF T 30-084	0,0	%
Vapour pressure 20 °C	NF EN 13016-1	<0,002	kPa

PERFORMANCE PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
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Kauri-butanol (KB) value	ASTM D 1133	53	-
Evaporation rate	-	>4	
Surface tension at 20 °C	ISO 6295	28	Dyne/cm
Dielectric breakdown voltage	CEI.156	50 000	Volts
Copper strip corrosion, 100 h at 40°C	ISO 2160	1a	Rating
FIRE SAFETY PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
Flash point (closed up)	ISO 2719	>100	°C
Auto-ignition temperature	ASTM E 659	>230	°C
Lower explosive limit	NF EN 1839	0,6	% (volume)
Upper explosive limit	NF EN 1839	6.5	% (volume)
Content of explosive, oxidising, flammable, highly or extremely flammable substances	CLP Regulation	0	%
TOXICOLOGICAL PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
Anisidine value	NF ISO 6885	<1	-
Peroxide value	NF ISO 3960	<1	meq(O ₂) /kg
TOTOX (anisidine value + 2 × peroxide value)	-	<3	-
CMR, irritant and corrosive substance content	CLP Regulation	0	%
Residual methanol content from transesterification	GC-MS	0,0	%

Emissions of hazardous, CMR, irritant and corrosive compounds	GC-MS	0	%
ENVIRIONMENTAL PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
Biodegradability	OCDE 301 A	>80, >90	%
Vapour pressure at 20 °C	-	<0,1	hPa
VOC (Volatile Organic Compounds) content	-	0	%
Sulfur content	GC MS	0	%
Benzene content	ASTM D6229	0	%
Total halogen content	GC MS	0	%
Chlorinated solvent content	-	0	%
Aromatic solvent content	-	<0,01	%
Content of substances hazardous to the environment	Règlement CLP	0	%
Content of compounds containing PRP	-	0	%
Content of compounds with ODP	-	0	%
Carbon footprint, life-cycle assessment	ISO 14040	1,55	kg CO ₂ equivalent

ADDITIONAL PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
Aniline point	ASTM D 611	80	°C

Bioaccumulation – n-octanol/water partition coefficient	OCDE 107	<3	logKow
Effect on water classification	WGK	1	Class

PRESENTATIONS

1000 L ICB CONTAINER



200 L Drum



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

20 L Can



METHODS OF USE



Degreasing with a cloth



Degreasing with a brush



*Low-pressure sprayers with
water rinsing*



Solvent parts washers



Ultrasonic tanks



Hot and cold immersion tanks



Rotating or reciprocating basket



A3 washing machines

