

iBiotec®

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

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NEUTRALÈNE® VG AL 1



VEGETABLE DEGREASING SOLVENT for FOOD PROCESSING INDUSTRIES

Degreasing / cleaning solvent,
washing / solvent agent

Guaranteed to be without harmful, dangerous,
irritant or sensitising substances

High solvent power vegetable-based solvent degreaser
Kauri Butanol Index 180

With strong cleaning and dissolving properties

High wettability, solubility parameters and extreme cohesive forces for the dissolution and elimination of most organic and inorganic pollutants, including inks and fresh resins

Rinseable with pure water or with a damp cloth

DESCRIPTION

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DOMAINS OF USE

iBiotec NEUTRALENE® VG AL1 is a vegetable-based solvent which works quickly on most organic or inorganic pollutants, including pigments and combustion residues.

Excellent lubricant degreaser; however, these tend to disappear since they are mostly of mineral origin. With this, **iBiotec** offers a full range of products guaranteed to have no hydrocarbon content and which therefore have no mineral oil content.

NEUTRALENE® VG AL 1 dissolves, degreases and eliminates.

Fats of animal or vegetable origin, triglycerides, fatty acids; **NEUTRALENE® VG AL 1** is active on phospholipids, monoglucosides and diglycerides, unsaponifiables, sterols, tocopherols, pigments and waxes.

Vegetable tars, bitumen of Judea, savings.

Calcination or cooking residues.

Liquid inks (Flexo or Helio), fatty inks (Offset)

PHYSICAL-CHEMICAL CHARACTERISTICS

CHARACTERISTICS	NORMS	VALUES	UNITS
Aspect	Visual	Limpid	-
Colour	Visual	Amber	-
Smell	Olfactory	None	-
Density at 25°C	NF EN ISO 12185	943	kg/m ³
Refractive index	ISO 5661	1.4240	-
Freezing point	ISO 3016	-28	°C
Solubility in water	-	Partial	%
Kinematic viscosity at 40°C	NF EN 3104	2.5	mm ² /s
Acid index	EN 14104	<0.1	mg(KOH)/g
Iodine index	NF EN 14111	<0.1	gI ₂ /100g
Water content	NF ISO 6296	50	ppm
Residue after rinsing in water	NF T 30-084	0	%

SOLVENT / DEGREASER PERFORMANCE CHARACTERISTICS

CHARACTERISTICS	NORMS	VALUES	UNITS
KB index	ASTM D 1133	180	-
Evaporation speed	-	NA	min
Superficial tension at 20°C	ISO 6295	24.9	dynes/cm
Copper blade corrosion 100 hours at 40°C	ISO 2160	1a	listing

FIRE SECURITY CHARACTERISTICS

CHARACTERISTICS	NORMS	VALUES	UNITS
Flash point (isolation)	ISO 2719	82	°C

Self-ignition point	ASTM E 659	> 230	°C
Lower explosive limit	NF EN 1839	3	% (volume)
Upper explosive limit	NF EN 1839	7	% (volume)
Content of substances which are explosive, oxidising, flammable, very flammable or extremely flammable	CLP regulation	0	%

TOXICOLOGICAL CHARACTERISTICS

CHARACTERISTICS	NORMS	VALUES	UNITS
Anisidine index	NF ISO 6885	< 6	-
Peroxide index	NF ISO 3960	< 10	meq(O ₂)/kg
TOTOX (anisidine index + 2x peroxide index)	-	< 26	-
Content of substances which are CMR, irritant or corrosive	CLP regulation	0	%
Residual methanol content (product of transesterification)	GC-MS	0	%
Emissions of compounds which are dangerous / CMR / irritant / corrosive at 160°C.	GC-MS	0	%

ENVIRONMENTAL CHARACTERISTICS

CHARACTERISTICS	NORMS	VALUES	UNITS
Danger to water	WGK Germany	1	class
Primary biodegradability CEC 21 days at 25°C	L 33 T 82	greater than 90	%
Easy biodegradability OCDE 301 A over 28 days Disappearance of COD	ISO 7827	greater than 80	%
Easy and ultimate biodegradability OCDE 310 C over 28 days Biodegradation over 69 days	MITI modified	greater than 90 100	% %
Bioaccumulation N-octanol / water share index	OCDE 107	less than 3	log KOW
Vapour pressure at 20°C	NF EN 13016-1	< 0.1	hPa
Sulphur content	Calorimetry bomb GC MS	< 200	ppm
Benzene content	ASTM D6229	0	%
Total halogen content	Calorimetry bomb GC MS	< 200	ppm
Chlorinated solvents content	-	0	
Aromatic solvents content	-	0	
Hydrocarbons / hydrocarbon compounds content	GC MS	0	ppm
Content of substances dangerous to the environment	CLP regulation	0	%
Content of compounds with a PRP factor	-	0	%
Content of compounds with an ODP factor	-	0	%
Carbon balance, life cycles analysis	ISO 14040	4.57	kg carbon equivalent

- nm: not measured or not measurable NA: not applicable

PRESENTATION

Aerosol 520 ml



MODE OF USE

Sprinkle on surfaces to be cleaned or degreased (not to excess). Allow it to act for a few moments if the layer of pollutants to be removed is thick. It may be necessary to use a paintbrush or other brush. Wipe with a clean cloth.



Cleaning of sunflower oil residues on packaging lines



Cleaning of distribution pipeline cloths in the agrifoods industries



Degreasing and cleaning of cutting saws before their resharping



Elmiination of pollutants residue on heating elements in pasteurisation



iBiotec® Tec Industries® Service
 Z.I La Massane - 13210 Saint-Rémy de Provence – France
 Tél. +33(0)4 90 92 74 70 – Fax. +33 (0)4 90 92 32 32
www.ibiotec.fr

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 Consulter la fiche de données de sécurité.

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