



iBiotec®

ALTERNATIVE SOLVENTS - CMR SUBSTITUTION
Eco-SOLVENTS

Datasheet - Last update: 6/23/2025

IMMEDIATELY REPLACES ACETONE

NEUTRALÈNE® RG 30 GT

35°C Flash point in a vacuum
Evaporation rate 9'00 at 20°C
Decrease in consumption by 5

AREAS OF USE

Cleaning rollers, de-icers and application tools for the implementation of polyester resins and epoxies.

NEUTRALENE RG 30 GT has an optimized evaporation rate allowing effective action even on highly reactive resins having a short TECAM gel time of a few minutes.

UPR RESINS

Aliphatic Homopolymers PGA PLA PGL PCL PHA PHB
Aliphatic co-polyesters PEA PBS
Semi-aromatic co-polyesters FBT PTT PEN
Homo and aromatic co-polyesters Polyacrylates
Hybrid polyester polyesters - epoxies

EPOXY RESINS

Epichlorohydrin ECH
BPA Bisphenol
Aliphatic Glycol
Phenolic novolacs
o-Cresols
Hydantoins (urea glycols)

Brominates, acrylates

EPOXY HARDENERS

DDM MDA Polyisocyanates

Aliphatic amines

Base anhydrides

TGIC (triglyceride isocyanates)

NEUTRALENE RG 30 GT is an excellent diluent and cleaning agent for tools and paint application and rinsing equipment, including circulating solvent-based paints.

- Natural driers
- Cellulosics
- Rubber
- Vinyl
- Acrylic
- Polyester
- Phenolics (resoles)
- Aminoplasts
- Polycarbamides
- 2 K epoxides (2 components)
- 2 K polyurethanes (2 components)

**A better alternative than more toxic blends
with Xylene - Toluene / MEK - MIBK**

Use only with solvent based paints; do not use with water-based paints (Hydro). Do not use as thinner (for viscosity) on epoxy and polyurethane systems.

ECONOMIC ASPECTS

Reduction of consumption

NEUTRALENE® RG 30 GT has a vapour pressure of 1.2 kPa at 68°F.

Acetone has a vapour pressure of 24.7 kPa at 68°F, over 20 times greater than that of NEUTRALENE RG 30 GT.

Consequently, it is easy to deduce from this that there would be a considerable reduction of solvent consumption – by about 5 times – avoiding any unnecessary loss by evaporation. It is well known that acetone often requires multiple applications in succession due to its almost instantaneous evaporation rate.

Recyclable, reusable

NEUTRALENE® RG 30 GT is an azeotrope, its distillation point is 257°F.

It is easy to recover, distil and reuse, with no loss of its physico-chemical qualities.

The distillation point can be lowered by approximately 30% if a vacuum distiller is used. Distillation is then total and extremely rapid, at 194°F.

For post-production cleaning of tools by immersion, for cleaning equipment that is used to produce resins, or for cleaning tanks, valves, pumps etc.

PHYSICO-CHEMICAL CHARACTERISTICS

CHARACTERISTICS	STANDARDS	VALUES	UNITS
Aspect	Visual	Limpid	-
Colour	Visual	Colourless	-
Odour	Olfactory	Characteristics	-
Density at 77°F	NF EN ISO 12185	0.932	kg/m ³
Refractive index	ISO 5661	1.4030	-
Freezing point	ISO 3016	-58	°F
Boiling - Distillation	ISO 3405	246.2-258.8	°F

Vapour pressure 68°F	ASTM D 5188 EN 13016.1.2.3	1,2	kPa
Solubility in water	-	0.01	%
Kinematic viscosity at 104°F	NF EN 3104	0.86	mm²/s
Acid number	EN 14104	<1	mg(KOH)/g
Iodine index	NF EN 14111	0	gI ₂ /100g
Water content	NF ISO 6296	<0.1	%
Residue after evaporation	NF T 30-084	0	%

PERFORMANCE CHARACTERISTICS

CHARACTERISTICS	STANDARDS	VALUES	UNITS
KB Index	ASTM D 1133	>150	-
Evaporation rate	-	9.00	minutes
Surface tension at 68°F	ISO 6295	27.5	Dyne/ cm
Copper blade corrosion 100hrs at 104°F	ISO 2160	1a	Rating

FIRE SAFETY CHARACTERISTICS

CHARACTERISTICS	STANDARDS	VALUES	UNITS
Flash point (vacuum)	NF EN 22719	35	°C
Self-ignition point	ASTM E 659	>230	°C
Lower explosive limit	NF EN 1839	1,2	% (volume)
Upper explosive limit	NF EN 1839	13,7	% (volume)

TOXICOLOGICAL CHARACTERISTICS

CHARACTERISTICS	STANDARDS	VALUES	UNITS
Content of CMR substances, irritating, corrosive	CLP Regulation	0	%
Residual methanol content from transesterification	GC-MS	0	%

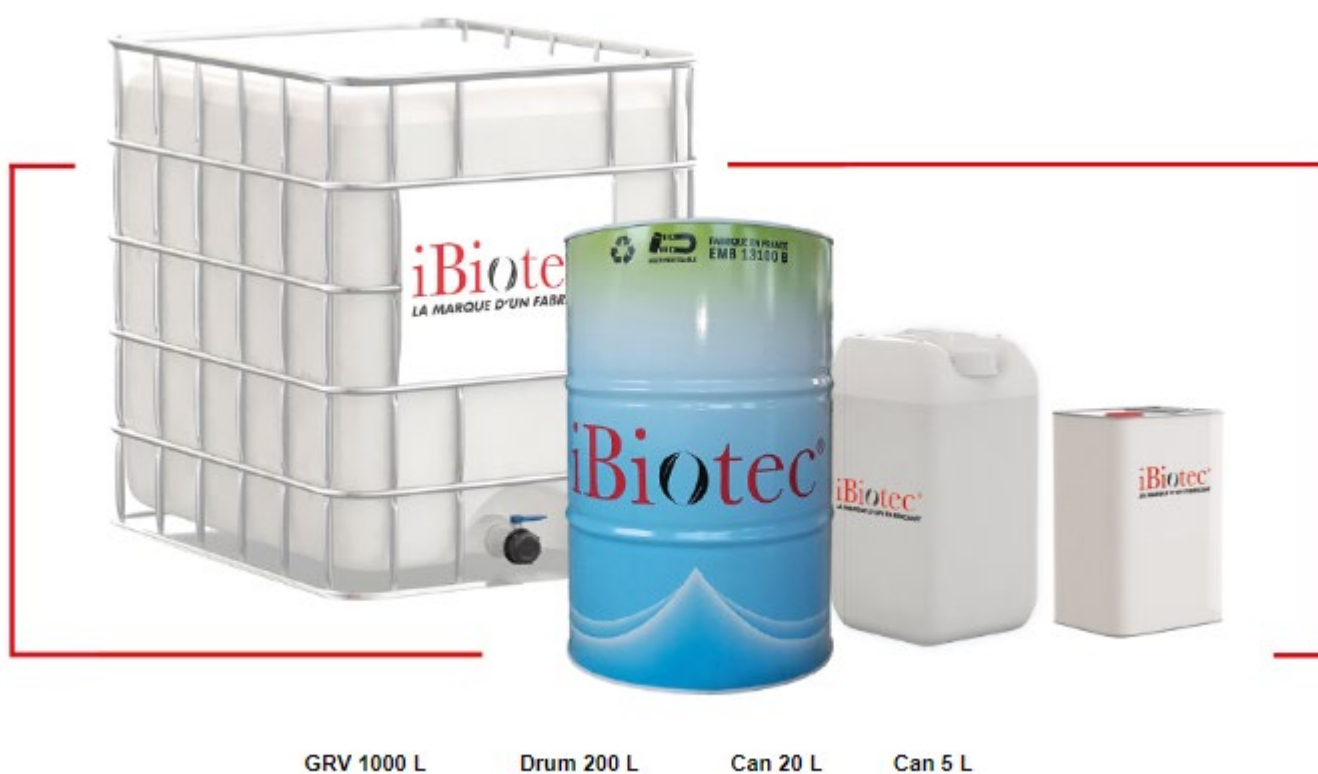
ENVIRONMENTAL CHARACTERISTICS

CHARACTERISTICS	STANDARDS	VALUES	UNITS
Water hazard	WGK in German	1 not hazardous to water	class
Primary biodegradability CEC 21 days at 77°C	L 33 T82	>70	%
Ready biodegradability OECD 301 A in 28 days Disappearance of COD	ISO 7827	>70	%
Ready and ultimate biodegradability OECD 301 D in 28 days Biodegradation at 67 days	MITI modified	72	

Precautions for use: Product classified as inflammable, below 63°C flashpoint. Product contains no raw material classified as CMR, toxic, noxious, irritating or sensitising. Refer to the safety data sheet. Thoroughly read the label on the package. In case of fragmentation, transfer this to the new packaging. Use pure, do not mix with water.

NEUTRALENE® RG 30 GT is a powerful solvent and dissolvent of resins; we advise doing a preliminary test when preparing surfaces on plastic or elastomer materials.

PRESENTATIONS



GRV 1000 L

Drum 200 L

Can 20 L

Can 5 L

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

USAGE RESERVE AUX UTILISATEURS PROFESSIONNELS

Consulter la fiche de données de sécurité.

Les renseignements figurant sur ce document sont basés sur l'état actuel de nos connaissances relatives au produit concerné. Ils sont donnés de bonne foi. Les caractéristiques y figurant ne peuvent être en aucun cas considérées comme spécifications de vente. L'attention des utilisateurs est en outre attirée sur les risques éventuellement encourus lorsqu'un produit est utilisé à d'autres usages que ceux pour lesquels il est conçu. Parallèlement, le client s'engage à accepter nos conditions générales de marché de fournitures dans leur totalité, et plus particulièrement la garantie et clause limitative et exonératoire de Responsabilité. Ce document correspond à des secrets commerciaux et industriels qui sont la propriété de Tec Industries Service et, constituant un élément valorisé de son actif, ne saurait être communiqué à des tiers en vertu de la loi du 11 juillet 1979.