

iBiotec®

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

Datasheet - Last update: 12/23/2024

**FIRST INDUSTRIAL DETERGENT SUPER CONCENTRATE
TO 55% OF ACTIVE INGREDIENTS
BASED SURFACTANTS biobased OF PLANT AND MARINE ORIGINS
WITHOUT SYMBOL OF DANGER OR WARNING CLP 1272 2008 - GHS
NOT GUARANTEED NTA, DTPA NOT WITHOUT EDTA, SOLVENTLESS,
PHOSPHATE NOT WITHOUT CAUSTIC
QUICKLY AND EASILY BIODEGRADABLE VOC FREE, TO REGULATE pH
POWER WETTING DISPERSANT, EMULSIFIER,
DEGREASER CLEANER AND STRENGTHENED
iBiotec® BIOCLEAN® VG 55 SUPER SAFE SUPER CONCENTRATE**



iBiotec® BIOCLEAN® VG 55 make the difference

BIOCLEAN® VG 55

**SUPER SAFE SUPER CONCENTRATE
THE FIRST SUPER CONCENTRATE CLEANER
WITH BIO BASED SURFACTANTS
HAZARD DANGER OR WARNING PICTOGRAMS FREE**

iBiotec®
THE BRAND OF A MANUFACTURER



When green chemicals are combined with blue chemicals

International GHS regulation introduced by UNO, has had a considerable impact on the categories and labelling of substances and chemicals for professional use. Almost all chemical substances now bear a danger or warning pictogram relating to their physical-chemical properties, or health, environmental or transport hazards.

This regulation also concerns industrial detergents.

Our laboratories have developed **BIOCLEAN VG 55 SUPER SAFE SUPER CONCENTRATE**, the first detergent WITH NO DANGER PICTOGRAM, for zero hazard. This innovation combines our expertise in the field of green chemicals with that relating to blue chemicals.

BIOCLEAN VG 55 is a concentrate of COCONUT OIL FATTY ACID ESTERS and MARINE SEAWEEDS POLYSACCHARIDES SURFACTANTS.

In addition, **BIOCLEAN VG 55** is totally free of chelating or sequestering agents such as:

EDTA Ethylene Diamine Tetra-acetic Acid, classified H 318, H 373, H 302, H 332

DTPA Diethylene Triamine Penta-acetic Acid, classified H 319, H 332, H 361

NTA Nitrile Tri-acetic Acid, CMR category 2, classified H 351, H 302, H 319

Of course, **BIOCLEAN VG 55** contains absolutely no solvents, or phosphates

BIOCLEAN VG 55 combines an ideal blend of wetting, dispersing, emulsifying, degreasing and cleaning surface active agents, for optimum cleaning operations.

This high performance detergent is supplied as a 55% concentrate of active ingredients, to avoid the needless expense of transporting water, particularly for overseas shipping, which reduces the carbon footprint of the product, within the context of ISO standard 14 040.

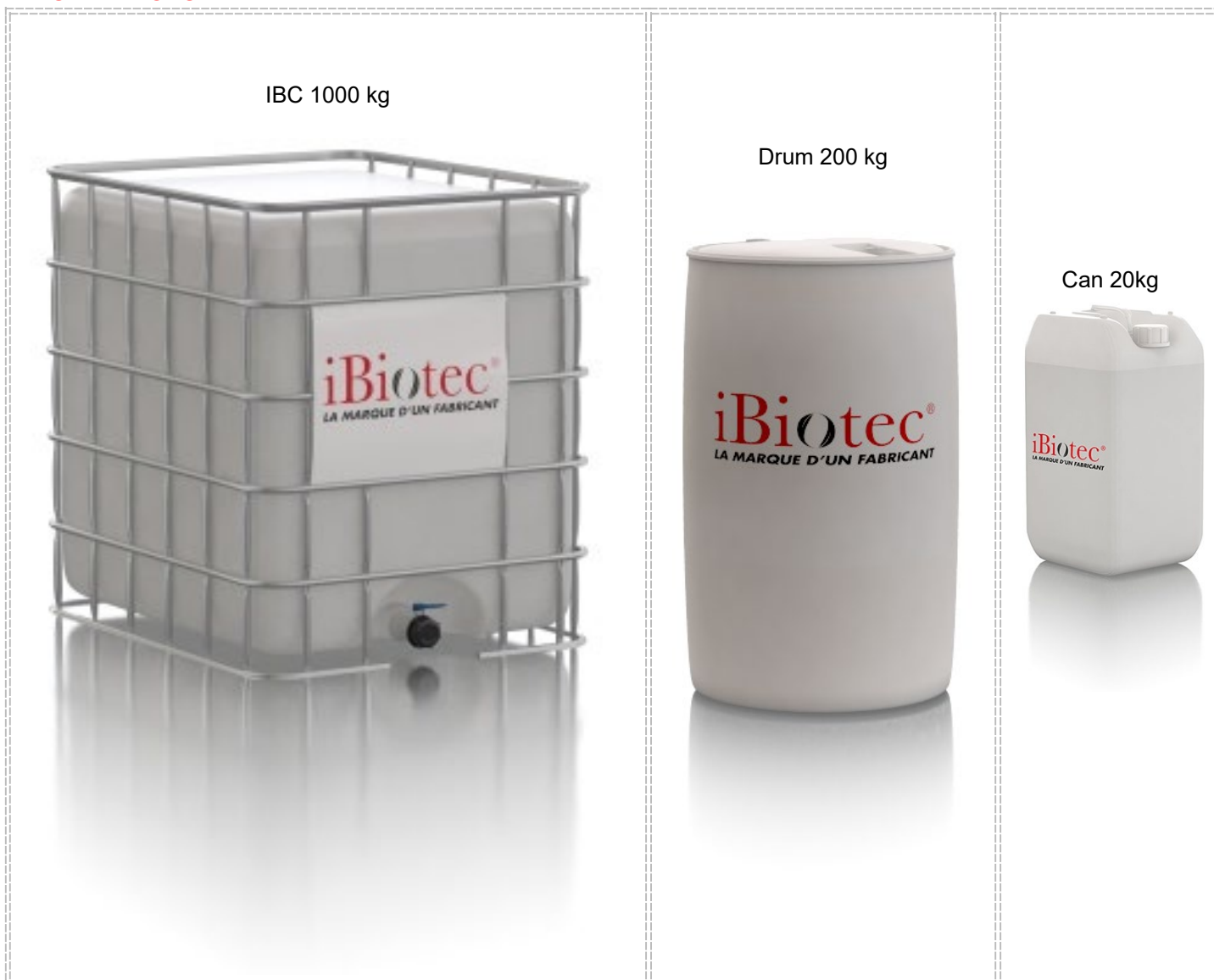
BIOCLEAN VG 55 is clear and odourless and is intended for formulators who are able to dilute it to 25%, in 75% of water, to produce a final concentration of 14% of active ingredients which, itself, can be used from 2%. Adding a fragrance or a dye remains a marketing option, but may have an environmental impact.

PHYSICO-CHEMICAL CHARACTERISTICS TYPICALS

CHARACTERISTIC	STANDARD OR METHOD	VALUE	UNITS
Aspect	Visual	Clear fluid	-
Color	Visual	colorless, transparent	-
Perfume / Odour	olfactory	free,colorless	-
Density at 25°C	NF EN ISO 12185	1,075	g/l
Content of active materials	-	55	% p/p
Pure pH	NF T90-008	10,3	-
pH at 10%	NF T90-008	10,2	-
pH at 5%	NF T90-008	9,5	-
pH at 25 %	NF T90-008	10,7	-
flow time cup 4 to 25 ° C	NF T EN ISO 2431.2011	55	sec.
Refractive index	ISO 5661	1,3880	rapport
Freezing point	ASTM D 97	-10	°C
Foaming to 25%	NFT 60188	1/1000/20/0/250	mn/ml/l.h-1
Oil content	LPCH	0	%
Solvent content	LPCH	0	%
Phosphate Content	CPG	0	%
Chlorine content	CPG MS	0	%
Heavy metals and metalloids content	CPG MS	0	ppm
DCO Chemical demand for O2	NFT 90101	139130	mgO ₂ /l
Dth0 theoretical O2 demand in sea oxygen	ISO 15705	145950	mgO ₂ /l
DBO 5 biological O2 demand after 5 days	NF EN 1899-1	44290	mgO ₂ /l
MesT materials total suspension	NF EN 872	<2	mg/l
MVS volatile suspended solids	internal	<2	mg/l
Kjeldahl nitrogen (NTK)	NF EN 25663	3341	mgN/l

Wetting power	-	Quotation
Dispersing power	-	Quotation
Emulsifying power	-	Quotation
Degreasing power	-	Quotation
Desincrustant power	-	Quotation

PRESENTATIONS



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