

iBiotec®

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

Datasheet - Last update:2025-02-03

**HIGHLY CONCENTRATED DETERGENT
SPECIAL MECHANICAL ELEMENTS
DEGREASER, CLEANER WITH 38% ACTIVE INGREDIENTS
CONTAINS ANTI-CORROSION ADDITIVES
REMOVES GREASE, OIL, LUBRICANTS, DRAWING SOAPS, PROTECTIVE WAX
USABLE BY DIPPING, IN TANKS, ULTRASONIC TANKS, COLD, WARM
ON WASHING MACHINES, WITH SCRAPERS, FELTS, OR BY WIPING
iBiotec® BIOCLEAN® MECA 300**



Concentrated degreaser

*High emulsifying, foaming and
dispersing power*

High wetting and dissolving power

Contains anti-corrosion and anti-scum additives

*Usable from 2% in water
No rinsing needed*



DESCRIPTION

Extremely active on all pollution such as oil, grease, wax, inorganic pollution.

Usable pure or diluted.

Usable on a cloth, with a brush, in a fountain, by dipping with agitation, in an ultrasonic cleaner, cold or hot, with low pressure or high pressure spraying.

APPLICATIONS

Cleaning metal parts, painted or coated surfaces, plastic materials.

Degreasing of mechanical parts, surface preparation before painting.

Degreasing of plastic injection moulds, in glass making, in foundries. Press tools.

Removal of drawing lubricants on continuous tubes or dipping in bundles. Degreasing and cleaning of power transmission systems.

TYPICAL PHYSICAL-CHEMICAL PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Appearance	Visual	Fluid, clear	-
Colour	Visual	Red	-
Smell	-	Low, without perfume	-
Density at 25°C	NF EN ISO 12185	1,050	g/l
Active ingredients content	-	40	%
pH undiluted	NF T90-008	13,1	-
pH at 10%	NF T90-008	12	-
pH at 5%	NF T90-008	11,7	-
Flow time Cup 3 at 20°C	NF EN ISO 2431	26	s
Refraction index	ISO 5661	1,3700	Index
Freezing point	ASTM D 97	- 11	°C
Foaming at 5%	NFT 60188	1/1000/20/0/250	mn/ml/l.h ⁻¹
Hydrocarbon content	LPCH	0	%
Phosphate content	LPCH	0	%
Chlorine content	GCMS	0	ppm
Heavy metals and metalloids content	GCMS	0	ppm
COD chemical oxygen demand	NFT 90101	20406	mgO ₂ /l
BOD 5 biological oxygen demand after 5 days	NF EN 1899-1	8724	mgO ₂ /l
MisT total matter in suspension	NF EN 872	< 2	mg/l
VMS volatile matter in suspension		< 0,2	mg/l
Nitrogen Total Kjeldhal (NTK)	NF EN 25663	842	mgN/l
DthO theoretical sea water oxygen demand	ISO 15705	20125	mgO ₂ /l
Wetting power	-	...	Measured value
Dispersing power	-	...	Measured value
Emulsifying power	-	...	Measured value
Degreasing power	-	...	Measured value
Scale solvent power	-	..	Measured value

SAFETY PRECAUTIONS

Do not use on shiny parts or base surfaces, on light alloys, at concentrations exceeding 5%.

Carry out a preliminary test on surfaces coated with lightly cross-hatched paint.

Do not release into the public drains system after use.

PRESENTATIONS



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 lequel 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.