

# iBiotec®

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

Datasheet - Last update: 12/19/2024



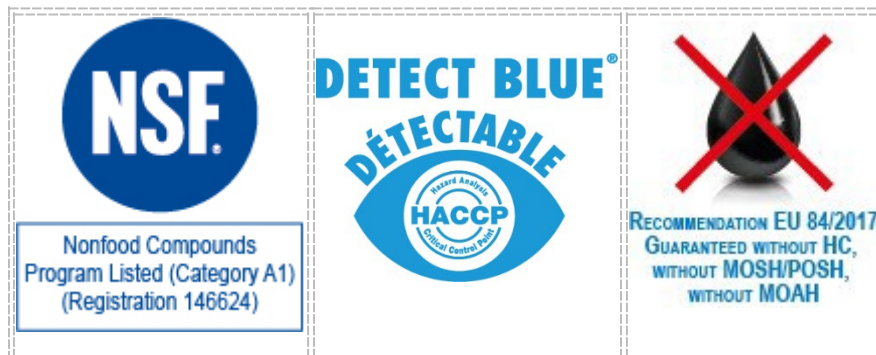
## DEGREASER DETERGENT FOR DIFFICULT CLEANING OPERATIONS

CONCENTRATED FORMULA (22% ACTIVE INGREDIENTS)

NSF A1 CERTIFIED FOR THE FOOD INDUSTRY (IAA)

CAN BE USED ON ANY SURFACE, FLOOR, STRUCTURE, EQUIPMENT  
INCLUDING PRODUCTION LINES, FERMENTATION CHAMBERS (VAT ROOM),  
PACKAGING UNITS AND CONVEYOR ASSEMBLIES

WETTING ABILITY, DEGREASER, DESCALER, POWERFUL



*Satisfies Commission Recommendation (EU) 2017/84  
of 16 January 2017 on the monitoring of mineral oil hydrocarbons in food*

**Analys report available on request  
21/009485 LC GC-FID DIN/EN 16995**

### DESCRIPTION

**BIOCLEAN AL HP** is a highly concentrated alkaline detergent developed for intensive cleaning operations within various industrial environments. The detergent can be used to eliminate all types of animal, vegetable or mineral matter.

**BIOCLEAN AL HP** is particularly well-suited for the removal of organic products such as fats, including light or heavy hydrocarbons and can be applied during routine cleaning of workshop floors, structures, drilling platforms, storage areas and as part of emergency clean-ups following an industrial process or during accidental spillage.

**BIOCLEAN AL HP** contains a powerful cleaning and descaling agent to remove inorganic particles as well as any combustion residue. The detergent can be used to clean the boiler fire-sides or to remove liquid inks, notably flexographic inks.

### USAGE GUIDE

**BIOCLEAN AL HP** can be used from 2% to 20% strength, diluted with mains water, taking into account the nature of the pollutants and the degree of pollution.

Can be used with a cloth, brush, or spray with a low or high pressure rinse or within a sweeping (brush driven) machine.

**BIOCLEAN AL HP** can also be used in ultrasound machines

### PHYSICO-CHEMICAL PROPERTIES TYPICALS

PROPERTIE	STANDARD OR METHOD	VALUE	UNITS
Aspect	Visual	Fluid, clear	-
Color	Visual	pink	-
Perfume / Odour	olfactory	very low, without flavor	-
Density at 25°C	NF EN ISO 12185	1,030	g/l
Content of active materials	-	22	% p/p
Pure pH	NF T90-008	12,8	-
pH at 10%	NF T90-008	10,8	-
pH at 5%	NF T90-008	10,6	-
flow time cup 3	NF T EN ISO 2431	22	sec.
Refractive index	ISO 5661	1,351	rapport
Tension in 20°C in 5 %	ISO 6295	30,5	Dynes/cm
Freezing point	ASTM D 97	-11	°C
Foaming to 25%	NFT 60188	1/1000/500/0/250	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	7420	mgO <sub>2</sub> /l
Dth0 theoretical O2 demand	ISO 15705	8033	mgO <sub>2</sub> /l
DBO 5 biological O2 demand after 5 days	NF EN 1899-1	1350	mgO <sub>2</sub> /l
MesT materials total suspension	NF EN 872	<2	mg/l
MVS volatile suspended solids		<0,2	mg/l
Kjeldahl nitrogen (NTK)	NF EN 25663	475	mgN/l
Wetting power	-	..	Quotation
Dispersing power	-	...	Quotation
Emulsifying power	-	..	Quotation
Degreasing power	-	...	Quotation
Desincrustant power	-	...	Quotation

## PRECAUTION FOR USE

Carry out a preliminary test on the surfaces covered with slightly reticulated paintings.

Do not reject in the sewerage system after use.

Do not expose to freezing.

**BIOCLEAN AL HP** employed pure, can dull in time, inorganic glasses.

Do not use on super polished light alloys, with a concentration higher than 5% in water.

## PRESENTATIONS



**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.