



The wise choice

Deterlabo[®]

Laboratory Glassware, Utensils
and Surface Cleaning



Good laboratory technique needs optimal conditions for cleanliness in the working area, for labware and utensils used.

They should be free from impurities or residual contaminants that may interfere during later application. A suitable cleaning process is a prerequisite for reproducible and accurate results in the laboratory or production processes.

Deterlabo®

Deterlabo® is the range of Scharlab cleaners for surfacecleaning and laboratory utensils washing. Different formulations are available depending on the type of waste to be removed and the type of cleaning, either manual or machine-washing.

Manual washing

Deterlabo® N

Description	Contains (not only)
Neutral detergent, concentrated liquid for manual use.	Anionic surfactants Non-ionic surfactants
Applications	Features
Neutral detergent, concentrated liquid of high foaming power. Best-suited for manual cleaning of all types of equipment, tools, material and laboratory surfaces. It can be used for cleaning stainless steel, aluminium, formica, vinyl, painted or varnished surfaces, crystal, glass, pyrex, etc.	Liquid Neutral Phosphate-free Biodegradable Chlorine-free
Instructions	Specifications
Dilute in water between 2-15 g/l.	pH: 7,0 (1% H ₂ O) Density: 1,03 g/cm ³ (20°C)

Deterlabo® O

Description	Contains (not only)
Degreaser, concentrated liquid for surfaces.	Non-ionic surfactants Glycols Sodium hydroxide
Applications	Features
Degreaser, highly concentrated liquid for surfaces. Best-suited for the treatment of most problems of degreasing and removal of both organic and inorganic remains from surfaces or laboratory equipment. Effective in any application such as cleaning floors (including painted), laboratory surfaces, eliminating soot, dirt and natural, mineral and synthetic fats. Applicable on all types of materials: iron, galvanized, aluminium, stainless steel, formica, marble, sandstone, granite, lacquer, porcelain, etc. Also applicable as degreaser by immersion.	Liquid Degreaser Phosphate-free Biodegradable Chlorine-free
Instructions	Specifications
Dilute with water from 1:1 to 1:20 depending on the amount of dirt or grease to be removed.	pH: 11,5 (1% H ₂ O) Density: 1,03 g/cm ³ (20°C)

Deterlabo® H

Description	Contains (not only)
Hygienizing detergent, concentrated liquid for surfaces.	Didécylidimethylammonium chloride Alifatic alcohol 2-aminoethanol EDTA non-ionic surfactants
Applications	Features
Hygienizing detergent, concentrated liquid for hygiene by contact of surfaces, incubators, laminar flow cabinets, contaminated labware in fine chemistry, biochemistry, water treatment, analysis, food industry, etc. It contains Didécylidimethylammonium chloride (DDAC) as active principle.	Liquid Hygienizing Phosphate-free Biodegradable Chlorine-free
Instructions	Specifications
Between 5-20% in water depending on the final use: · Manual surface hygiene by direct spraying and/or latter rub: 50-150 cm ³ /l of water. · Machines, pipes or containers hygiene by recirculation: 10-150 cm ³ /l of water. · Cleaning tools in immersion bath: 50-100 cm ³ /l of water.	pH: 11 (1% H ₂ O) Density: 0,99 g/cm ³ (20°C)

Automated washing

Deterlabo® P

Description	Contains (not only)
Alkaline detergent, powder for machine-washing.	Alkalis, Sodium/Potassium hydroxides Complexing agents
Applications	Features
Powder alkaline chlorinated detergent. Suitable for washing under any conditions of any kind of labware in glassware washers. It does not alter the typical materials of labware such as crystal, glass, pyrex, stainless steel, porcelain, plastic...	Powder Alkaline No added dyestuff or odorant
Instructions	Specifications
After prewash process (if necessary), use the product at a concentration between 2-6 g/l of water in the machine reservoir at 50 to 80°C, with final rinse until removal of alkaline residues.	Bulk Density: 1 g/cm ³ Alkalinity: 170-230 mg/l Na ₂ CO ₃

Deterlabo® B

Description	Contains (not only)
Alkaline detergent, concentrated liquid for machine-washing.	Alkalis, Sodium/Potassium hydroxides Complexing agents Dispersants
Applications	Features
Alkaline detergent, concentrated liquid with complexing agents and dispersants. Suitable for labware cleaning in automatic machines, specially suitable for use in glassware washers with liquid detergent dispenser. Recommended for all types of waters, regardless of its hardness. Easily removes all kind of organic remains. Applicable on stainless steel, ferrous and non ferrous metals, plastics, glass and porcelain. Should not be used on Aluminium, Zinc or Tin materials.	Liquid Alkaline Biodegradable Surfactants-free Chlorine-free Phosphate-free No added dyestuff or odorant
Instructions	Specifications
After prewash process (if necessary), use the product at a concentration between 0.1-0.4% in the washer reservoir at a temperature of 50-80°C, with a final rinse until removing alkaline residues.	pH: 12,5 (1% H ₂ O) Density: 1,30 g/cm ³ (20°C)

Deterlabo® A







Description	Contains (not only)
Acid detergent, concentrated liquid for manual or machine-washing.	Citric acid Preservatives
Applications	Features
Acid detergent, concentrated liquid, for laboratory use (citric acid-based) for manual washing of surfaces and labware or mechanical in glassware washers. It can be used such as a pre-washing agent, rinsing additive with neutralizing effect or as calcareous wastes cleaner.	Liquid Acid Biodegradable Surfactants-free Chlorine-free Phosphate-free No added dyestuff or odorant
Instructions	Specifications
Automatically by means of the appropriate cuvette or manually between 15-40 ml per wash cycle. As descaling detergent must be used diluted in water between 5-20%.	pH: 2,5 (1% H ₂ O) Density: 1,16 g/cm ³ (20°C)



Deterlabo® User Guide

Applications	Deterlabo® N	Deterlabo® O	Deterlabo® H	Deterlabo® A		Deterlabo® B	Deterlabo® P
	Manual	Manual	Manual	Manual	Automated	Automated	Automated
Equipment	✓	✓	✓	✓			
Labware	✓	✓	✓	✓	✓	✓	✓
Surfaces	✓	✓	✓	✓			
Floors	✓	✓	✓				
Pre-wash	✓	✓		✓	✓	✓	✓
Neutralizer				✓	✓		
Degreaser	✓	✓	✓			✓	✓
Hygienizer			✓				✓
Fats and oils	✓	✓	✓			✓	✓
Hydroxides and amines				✓	✓		
Organic incrustations			✓	✓	✓	✓	✓
Calcareous deposits				✓	✓		
Stainless steel	✓	✓	✓	✓	✓	✓	✓
Aluminium, Zinc	✓		✓				
Lacquers and varnishes	✓	✓	✓				
Ceramics and porcelain	✓	✓	✓	✓	✓	✓	✓
Metals (except Al, Zn and Sn)	✓	✓	✓	✓	✓	✓	✓
Plastics	✓	✓	✓	✓	✓	✓	✓
Glass	✓		✓	✓	✓	✓	✓

Ordering Information

Art. No.	Description	Packaging	Pack size
Manual washing			
DT00041000	Deterlabo® N, neutral detergent, concentrated liquid for manual use		1 L
DT0005005P	Deterlabo® O, degreaser, concentrated liquid for surfaces		5 L
DT0003005P	Deterlabo® H, hygienizing detergent, concentrated liquid for surfaces		5 L
Automated washing			
DT0006005P	Deterlabo® P, alkaline detergent, powder for machine-washing		5 Kg
DT0002005P	Deterlabo® B, alkaline detergent, concentrated liquid for machine-washing		5 L
DT0001005P	Deterlabo® A, acid detergent, concentrated liquid for manual or machine-washing		5 L

Scharlab S.L.
Gato Pérez, 33. Pol. Ind. Mas d'en Cisa.
08181 Sentmenat, Barcelona, Spain
Tel.: +34 93 715 19 40 - Fax: +34 93 715 27 65
E-mail: helpdesk@scharlab.com

Scharlab Italia S.r.l.
Via Alcide De Gasperi 56.
20070 Riozzo Di Cerro al Lambro (Mi), Italy
Tel.: +39 02 9823 0679 / +39 02 9823 6266
Fax: +39 02 9823 0211
E-mail: customerservice@scharlab.it

Scharlab Magyarország Kft.
4034 Debrecen, Vágóhid. u. 2., Hungary
Tel: 0036(88)787-634 - Fax: 0036(88)781-081
E-mail: info@scharlab.hu

Scharlab Philippines, Inc.
18G Miller Compound, Barangay Bungad,
San Francisco Del Monte, Quezon City
1105 Philippines
Tel.: +63 2 3514972 - Fax: +63 2 3514972
E-mail: infophilippines@scharlab.ph

Scharlab Brasil SA
Estrada do Campo Limpo, 780
São Paulo
Tel.: (11) 5512 5744 - Fax: (11) 5511 9366
E-mail: scharlab@scharlab.com.br



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