

Моющие средства

Технические характеристики

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Detergents are surfactant compounds used to clean and remove dirt from surfaces. These agents have a molecular structure that combines hydrophilic and lipophilic regions, allowing them to interact with both water and fats or oils. Detergents work by reducing the surface tension of water and breaking down fat particles, facilitating their removal. Their ability to form micelles helps encapsulate dirt, allowing it to disperse in water.



Deterlabo® A, acid detergent, concentrated liquid for manual or machine-washing

- Density: 1,16 g/cm³
- Boiling point: > 100 °C
- Flash pt. > 55 °C
- GHS-signal word: Warning
- GHS-H sentences: H319
- GHS-P sentences: P280 - P264 - P305+P351+P338 - P337+P313
- Tariff number: 3402 90 90 00
- Applications:

- Appearance: Líquido transparente brillante

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Acid detergent, concentrated liquid for laboratory use (citric acid-based) for manual washing of surfaces and labware or mechanical in glassware washers. Phosphate-free, it does not contain ingredients subjected to regulations of the biodegradability laws. The pH is 2.5 in a 1% Deterlabo A solution in deionized water. It can be used such as a pre-washing agent, rinsing additive with neutralizing effect or as calcareous wastes cleaner. **DOSAGE:**

Automatically by means of the appropriate cuvette or manually between 15-40ml of Deterlabo A per wash cycle. As descaling detergent should be used diluted in water between 5-20%.

Citric acid: > 30 %

Preservatives: Benzyl Isothiazolone; Methyl Isothiazolinone

pH (1%): 2,5 ± 0,5

Description

Deterlabo® ACapacity (l)

5Pack (u.)

1

Reference[DT0001005P](#)**Packaging**

x 5 l :: Plastic bottle

**Deterlabo® AP, acid detergent with phosphates, concentrated liquid**

- Density: 1,37 g/cm³
- Boiling point: > 100 °C
- ADR: 8 C9 III UN 1760
- IMDG: 8 III UN 1760
- IATA/ICAO: 8 III UN 1760
- GHS-signal word: Danger
- GHS-H sentences: H302 - H314
- GHS-P sentences: P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a
- Tariff number: 3402 90 90 00
- Appearance: Incolore

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Acid detergent, concentrated liquid for laboratory use (phosphate base), free of surfactants and solvents, to be used as a pre-washing agent or as a rinse additive in automatic machines, with neutralising and descaling effect. Suitable to be used in the elimination of organic residues, proteins, organic bases and amines. Also indicated for the removal of calcareous remains and incrustations in thermostatised baths, autoclaves, evaporators, etc.

DOSAGE:

- As a pre-washing/neutralising agent: The dosage will vary between 0.2 - 1.0%, at a recommended working temperature between 40 - 60°C.
- As a descaling cleaner: Depending on the level of dirt and incrustation, the dosage will vary between 1 - 15%.

In all cases, a final rinse with clean water is recommended to remove the acidic remains of the product.

inorganic acids: min. 30 %

pH : 2,0 ± 0,5

Description

Deterlabo® APCapacity (l)

5Pack (u.)

1

Reference[DT0007005P](#)**Packaging**

x 5 l :: Plastic bottle



Deterlabo® B, alkaline detergent, concentrated liquid for machine-washing

- Density: 1,30 g/cm³
- ADR: 8 C5 III UN 1719
- IMDG: 8 III UN 1719
- IATA/ICAO: 8 III UN 1719
- GHS-signal word: Danger
- GHS-H sentences: H302 - H314 - H373
- GHS-P sentences: P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a
- Tariff number: 3402 90 90 00
- Appearance: Líquido transparente brillante

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Alkaline detergent, concentrated liquid with complexing agents and dispersants, surfactants-free, suitable for labware cleaning in automatic machines. Recommended for all types of waters, regardless of its hardness. Specially suitable for use in glassware washers with liquid detergent dispenser. DOSAGE:

After prewash process (if necessary), use the product at a concentration between 0.1 - 0.4% in the machine bath at a temperature of 50 - 80 °C, with a final rinse in machine until removing alkaline residues.

NaOH: 5 - 15 %

KOH: 5 - 15 %

density (20°/20°): 1,25 - 1,35

pH : 12 ± 0,5

refractive index (Brix): 43 – 46

Description

Deterlabo® BCapacity (l)

5Pack (u.)

1

Reference

[DT0002005P](#)

Packaging

x 5 l :: Plastic bottle



Deterlabo® H RTU, sanitizing detergent, RTU spray for surfaces

- Density: 0,99 g/cm³
- Boiling point: 104 °C
- Flash pt. 82 °C
- Vapour pressure: 0,144 mmHg
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319
- GHS-P sentences: P280 - P264 - P305+P351+P338 - P321 - P332+P313 - P337+P313
- Tariff number: 3402 90 90 00

- Appearance: Incoloro

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Sanitizing detergent based on quaternary compounds and amines, and free of caustic alkalis, with a high surface cleaning power. Due to its high detergent power, it is the ideal product in those cases in which a thorough cleaning of the surfaces is required, as well as a highly sanitising action. Indicated for the hygiene of laminar flow cabinets.

DOSAGE:

Due to its RTU formula, it can be used directly either by spraying, immersion or applied with a sponge or wipe, depending on the level of dirt and the surface to be cleaned.

Cationic surfactants: max. 5 %

Non ionic surfactants: max. 5 %

Appearance: Clear and blue

pH (1%): 10 - 12



Deterlabo® H, hygienizing detergent, concentrated liquid for surfaces

- Density: 0,99 g/cm³
- Boiling point: 107 °C
- Flash pt. 46 °C
- Vapour pressure: 20,51 hPa (20°C)
- ADR: 3 FC III UN 2924
- IMDG: 3 III UN 2924
- IATA/ICAO: 3 III UN 2924
- GHS-signal word: Danger
- GHS-H sentences: H226 - H302+H332 - H314 - H335
- GHS-P sentences: P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a
- Tariff number: 3402 90 90 00
- Appearance: Líquido transparente brillante

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Hygienizing detergent, liquid of high concentration in active principles for hygiene by contact of surfaces, incubators, laminar flow cabinets, contaminated labware, fine chemistry, biochemistry, water treatment, analysis, food industry, etc. Free from aldehydes, azides or volatile ingredients. Contains didecyltrimethylammonium chloride (DDAC) as active ingredient. DOSAGE:

Between 5-20% in water depending on the substrate and amount of dirt: -Manual surface hygiene by direct spraying and/or latter rub: 50-150 cm³/L of water. -Machines, pipes or containers hygiene by recirculation: 10-150 cm³/L of water. -Cleaning tools in immersion bath: 50-100 cm³/L of water.

Didecyltrimethylammonium chloride: 5 - 15 %

Aliphatic alcohol: 5 - 15 %

Non-ionic surfactants and EDTA: < 5 %

appearance of solution: clear and bright blue

density (20°/20°): 0,97 - 1,02

pH (1 %, H₂O): 10,0 - 12,0

refractive index (Brix): 22 - 27



Deterlabo® HW, sanitizing detergent, moistened wipes for surfaces

- Density: 1,00 g/cm³
- Boiling point: > 100 °C
- Ignition temp.: 82 °C
- Vapour pressure: 0,119 mmHg
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 -
- GHS-P sentences: P280 - P264 - P305+P351+P338 - P321 - P332+P313 - P337+P313
- Tariff number: 3402 90 90 00
- Appearance: Azul claro

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Wipes immersed in a sanitising detergent based on quaternary compounds and amines, and free of caustic alkalis, with a high surface cleaning power. Due to its high detergent power, it is the ideal product in those cases in which a thorough cleaning of the surfaces is required, as well as a highly sanitising action. Indicated for the hygiene of laminar flow cabinets. This solution is especially suitable for degreasing and sanitising all types of surfaces in a single pass.

DOSAGE:

Obtain a wipe from the dosing container by closing the flap later and use the wipe directly on the surface to be cleaned, letting it dry without rinsing. Use the same wipe until dirt is removed or when it is no longer wet.

Cationic surfactants: max. 5 %
Anionic surfactants: max. 5 %

Appearance: Wet wipes



Deterlabo® HWR, sanitizing detergent, replacement wet wipes for surfaces

- Density: 1,00 g/cm³
- Boiling point: > 100 °C
- Ignition temp.: 82 °C
- Vapour pressure: 0,119 mmHg
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 -
- GHS-P sentences: P280 - P264 - P305+P351+P338 - P321 - P332+P313 - P337+P313
- Tariff number: 3402 90 90 00
- Appearance: Azul claro

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Wipes immersed in a sanitising detergent based on quaternary compounds and amines, and free of caustic alkalis, with a high surface cleaning power. Due to its high detergent power, it is the ideal product in those cases in which a thorough cleaning of the surfaces is required, as well as a highly sanitising action. Indicated for the hygiene of laminar flow cabinets. This solution is especially suitable for degreasing and

sanitising all types of surfaces in a single pass.

DOSAGE:

Place the replacement wipes in the original container/bucket. Obtain a wipe from the dosing container by closing the flap later and use the wipe directly on the surface to be cleaned, letting it dry without rinsing. Use the same wipe until dirt is removed or when it is no longer wet.

Cationic surfactants: max. 5 %

Anionic surfactants: max. 5 %

Appearance: Wet wipes



Deterlabo® N, neutral detergent, concentrated liquid for manual use

- Density: 1,03 g/cm³
- Boiling point: > 100 °C
- Flash pt. > 55 °C
- Vapour pressure: 7,56 hPa (20°C)
- GHS-signal word: Warning
- GHS-H sentences: H319
- GHS-P sentences: P280 - P264 - P305+P351+P338 - P362 - P332+P313 - P337+P313
- Tariff number: 3402 90 90 00
- Appearance: Líquido transparente viscoso

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Neutral pH 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. DOSAGE:

Dillute in water between 2-15 g/L.

Anionic surfactants: 5 - 15 %

Non ionic surfactants: < 5 %

Preservatives: Benzyl Isothiazolone; Methyl Isothiazolinone Parfum Allergens: Limonene

pH : 7,0 ± 0,5



Deterlabo® O RTU, degreaser, RTU spray for surfaces

- Density: 0,99 g/cm³
- Boiling point: > 100 °C
- Flash pt. > 65 °C
- Vapour pressure: 23,382 mmHg
- GHS-signal word: Danger
- GHS-H sentences: H315 - H318 - EUH208
- GHS-P sentences: P280 - P264 - P305+P351+P338 - P310 - P321 - P332+P313
- Tariff number: 3402 90 90 00

- Appearance: Amarillo transparente

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Powerful direct use degreaser cleaner free of caustic alkalis, based on surfactants, glycols and emulsifiers. Easily removes all types of dirt, stains and grease, leaving surfaces completely clean and without traces, repelling dust and enhancing the natural colors of the surfaces. It can be applied in the cleaning of all types of washable laboratory surfaces. Especially suitable for cleaning bench surfaces, cabinets, hoods, shelves, utensils and laboratory equipment, etc. It can be applied on varnished wood, vinyls, skay, aluminum, plastic, glass, tiles, stoneware, stainless steel, etc.

DOSAGE:

It will be used neat, sprinkling on the surface to be cleaned or on a clean wipe or paper, rubbing until the surface is completely dry.

glycols: 5 - 15 %

amines and alcohols: max. 5 %

pH : 12,0 ± 0,5



Deterlabo® O, degreaser, concentrated liquid for surfaces

- Density: 1,03 g/cm³
- Boiling point: > 100 °C
- Flash pt. > 55 °C
- Vapour pressure: 22,46 hPa (20°C)
- GHS-signal word: Danger
- GHS-H sentences: H302+H332 - H315 - H318 - H412
- GHS-P sentences: P261 - P280 - P305+P351+P338 - P310 - P362 - P501a
- Tariff number: 3402 90 90 00
- Appearance: Líquido transparente brillante

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: 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 of 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, aluminum, stainless steel, formica, marble, sandstone, granite, lacquer, Also applicable as degreaser by immersion. **DOSAGE:**

Dilute with water from 1:1 to 1:20 depending on the amount of dirt or grease to be removed.

Non-ionic surfactants and glycols: 5 - 15 %

NaOH: < 5 %

pH (1%): 11,5 ± 0,5



Deterlabo® OH, hydroalcoholic sanitizer, spray for utensils and surfaces

- Density: 0,85 g/cm³
- Boiling point: 110 °C
- Flash pt. 24 °C
- Vapour pressure: 21,748 mmHg
- ADR: 3 F1 III UN 1987
- IMDG: 3 III UN 1987
- IATA/ICAO: 3 III UN 1987
- GHS-signal word: Warning
- GHS-H sentences: H226 - H319
- GHS-P sentences: P210 - P303+P361+P353 - P305+P351+P338 - P370+P378 - P403+P235 - P501a
- Tariff number: 3402 90 90 00
- Appearance: Incolore

SPECIFICATIONS

PROPERTIES AND APPLICATIONS: Product formulated based on a mixture of sanitising agents and alcohols, without quaternary ammoniums or surfactants, to be used as a product for direct use in manual hygiene of laboratory surfaces and utensils. Quick drying without leaving residue.

DOSAGE:

Cleaning of surfaces by spraying with the pure product respecting the contact times. Before applying the product, a thorough cleaning must be carried out. Keep the product in its original container and do not reuse the container. It can be used on textile surfaces. Ventilate properly after surface treatment. Do not mix with other chemical products. Incompatible with strong oxidants, acids or alkalis. A pre-treatment test must be performed to verify the compatibility of the product with the materials.

ethanol: 65 %

Benzyl-C12-C16-alkyldimethylammonium chloride: max. 0,008 %

pH : 8,0 ± 0,5



Deterlabo® P, alkaline detergent, powder for machine-washing



Xylene, standard substance for GC

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