



Distribuito da:



40013 Castel Maggiore (BO)
Tel: 051/632211
Fax: 051/715380
sicurezza@tellerini.it
www.tellerini.it

Product Data Sheet Eureco™ LX10

Description

EURECOTM LX10 is a medium concentration, liquid mixture based on PAP (ϵ -phthalimido-peroxy-hexanoic acid) crystals in stabilized aqueous suspension, which exploits superior bleaching and deodorizing performance along with anti-mould and biocidal activity against a wide spectrum of germs and bacteria.

Some applications of this product may be regulated or restricted by national or international standards (e.g. for food or feed additives, water treatment, the cosmetic or the pharmaceutical industry, etc). The buyer and the eventual user, in his sole and entire liability, shall respect those standards, orders of any relevant authority, and all existing patents and intellectual property rights; and shall comply with the laws and the regulations applicable to our products and/or to his activity. The buyer and the eventual user must independently determine the suitability of this product for any particular purpose and its manner of use.

Identification

Product Name	EURECO™ LX10
Chemical Name	ϵ -phthalimido-peroxy-hexanoic acid
Molecular weight	277.28
CAS Number	128275-31-0
Reach registration number	01-0000015833-68
EC Number (ELINCS)	410-850-8

Standard product specification

Characteristics	Unit	Range	Method of analysis
Active Content (as PAP)	%	9.5 - 10.5	PF 58/27
pH (@ 20°C)	-	3.3 - 4.0	PF 58/15
Viscosity (@ 25°C, 20 1/s)	mPa*s	400 - 650	PF58/31

Please contact us for further information on product characteristics (methods of analysis, etc).

Additional physical and chemical properties

(Must not be considered as binding specification but only for general information)

Characteristics	Unit	Typical Value
Appearance	-	Whitish milky liquid
Density (@ 20° C)	kg/dm ³	1.03

Packaging characteristics

- 10.1 kg PE canisters
- 20 kg PE canisters
- 200 kg PE drums
- 1000 kg IBC (Intermediate Bulk Container)
- ISOTANK (upon request)

Specific labels and canisters can be arranged upon request under specific agreements

Storage and Safety

Keep containers in a cool place away from heat sources and direct sunlight.
Do not refill spilled product back to the original container.
Keep containers closed during the storage.
Do not contaminate the product with any other material.

EURECO™ LX10 is sensitive to alkali and to solvents and should not be mixed to other chemicals without strong dilution in water or without a specific compatibility assessment.





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EURECO™ LX10 is stable for one year if stored in a cool place.

Please contact Società Chimica Bussi S.p.A. for further information on packaging characteristics (description of road tankers, etc); product handling and storage.

Handling

Precautions

- Avoid contamination by dirt or other chemicals.
- Keep away from organic materials, acids, alkalis, reducing agents and metallic contamination.
- Protect from direct sunlight.
- Do not pour in non-compatible or dirty containers.
- Check the cleanliness of the process facilities prior to use the product.

Pump-ability

EURECO™ LX10 is a pseudoplastic liquid which shows a prompt reduction of the viscosity by application of a shear stress. This feature is useful for pumping the liquid out of the drum through positive displacement pumps.

Mohno or peristaltic pumps are recommended for automatic feeding or dosing EURECO™ LX10.

Suitable materials for handling and processing EURECO™ LX10 are stainless steel (SS 316 - SS 316L), PTFE, virgin PE, silicon rubbers and neutral glass.

When using Eureco™ grades, practice good industrial hygiene and consult our material safety data sheet.

Applications

EURECO™ LX10 is a water-based carrier of PAP. The high concentration of PAP obtained through proprietary technology makes EURECO™ LX10 perfect for direct application as bleach booster for Industrial & Institutional applications.

Typically the use of EURECO™ LX10 allows reducing the washing temperature down to 30-40°C from 85°C. Parallel, an easy triggering of the all washing parameters can grant disinfection.

The active ingredient PAP is listed in the Biocidal Products Directive 98/8/CE.

The performance of EURECO™ LX10 is exploited promptly under mild pH conditions. The most suitable pH range is generally identified in the window 7 to 9 units.

EURECO™ LX10 performs with an acute impact and thus turns into a readily biodegradable non-peroxidic chemical, of no threat to the environment (cfr. MSDS).

Please contact Società Chimica Bussi S.p.A. for further information about PAP biocidal activity

Features

- Wide bleaching performance on all bleachable stains
- Already active @ 20°C
- Extended disinfecting activity on bacteria
- Strong deodorizing effect
- Very low dosage requirements
- Non allergenic
- Ready to use
- Safe on humans
- Safe on fibres and colours
- VOC free
- Chlorine free
- Not an Oxidizer (No Seveso)

Transport information

EURECO™ LX10 is not subject to transport restrictions

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Società Chimica Bussi S.p.A.
Piazzale Elettrochimica, n. 1
65022 Bussi Sul Tirino (PE) Italy
T. +39 085 98001
F. +39 085 9800220
Email: sds@chimicabussi.it

