

## TECHNICAL DATA SHEET (TDS)

# DETERGENT LEM-3

ID Product Code 020



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## MULTIPURPOSE CLEANER FOR NATURAL STONES

Detergent with balanced pH for marble, granite, terrazzo & stones.

### Product description:

Concentrated multipurpose cleaner for natural stones. Specifically formulated for maintenance of marble, granite and natural stones floors. LEM-3 has a good degreasing power so it is effective against all type of dirt, especially greasy and oily based ones and works perfectly for cleaning of very trampled floors. It is possible to clean and wash all cleanable surface (example glass). LEM-3 has balanced pH so does not ruin marble polish.

### Chemical characteristics:

Appearance	Liquid
Color	Fluorescent green
Odor	Pine fragrance
Specific gravity at 20° C (68° F)	1,00 ± 0,02
Hydro-solubility	Soluble at every ratio
pH	10,00 ± 0,02 (concentrated)
	8,80 ± 0,02 (ready to use - diluted 4%)
Shelf life at 20°C (68° F)	24 months in original container

### Instruction for use

For manual floor application dilute 30-50 ml (2-3 tablespoon) of product directly in a bucket of water, mix well and then proceed in cleaning the surface using a scrubbing brush with soft cloth. Once floor is clean, let it dry.

For big areas dilute the product directly in tank of automatic washing machine or a single disc polish machine equipped with green Scotch Brite® pad and proceed to clean the floor. If it is available, recover dirty water using a vacuum for liquid. This process avoid that dirty water could enter into stone porosity. For very resistant soil repeat the application or use a stronger product (suggested our Cleaner ULTRA STRIPPER). Let the floor dry before walking on it.

### Application tools



Mop



Brush



Single Disc Machine


 Automatic washing  
 machine

### Tests & certifications

The product respects **STANDARD UNI 11322 "Stone floor coverings" Instructions for the design, installation and maintenance**, in the chapter relating to the MAINTENANCE.



DISCLAIMER All data indicated in this leaflet are the results of tests and experiments carried out in our laboratories and through reliable operators in the stone business and have to be considered reliable. Because of the many factors which can influence them, the information here reported do not constitute implicit or formal guarantees. The end user undertakes the responsibility in the usage of the product making sure to experiment the product characteristic as preventive measure.



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### Environmental information

LEM-3 complies SCAQMD for V.O.C. Approved LEED IEQ Credit 4.2 – V.O.C. CONTENT: < 0,00 g/l

### Suggestion for use and recommendations:

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Dilute product depending on the dirt to remove. We suggest following dilution:

- Periodical maintenance of floor in marble or granite: dilute 30-50 ml (2-3 tablespoon) of product in 1 liter (1 quart) of warm water.
- For heavy dirt to remove or grease spot increase dilution till 100 ml (6-7 tablespoon) of product in 1 liter (1 quart) of warm water.
- Before use, read carefully recommendations printed on the tin.

### Application surfaces

All surfaces in general. Specific cleaner for marble, granite, limestone, sandstone, engineered & artificial stones.

### Coverage

To wash stone floors in general is possible to treat 250/300 sqm (2700/3200 sq.ft.) with 1 liter (1 quart) of product. Coverage of product depends on the quality and intensity of soil to remove.

### Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place. MSDS is available on our web site [www.bellinzoni.com](http://www.bellinzoni.com)

### Packing

Item N°	Packing	Pcs	Size and weight packaging	Carton per pallet (sea transport)
020DLEM001	1,00 lt (33,82 fl.oz.)	12	cm 36x27x26 – kg 11,50	24
020DLEM005	5,00 lt (1,32 Gal)	4	cm 23x40x26 – kg 9,00	27
020DLEM030	25,00 lt (6,60 Gal)	1	cm 50x32Ø – kg 22,00	16

The composition of the tins and jerry cans are High Density Polyethylene (HDPE). After use, comply with the local and national regulations currently in force regarding recycling. Our packing is conformed as per U.N. rules for inland transport (A.D.R.) and by sea (I.M.O.) for transportation via air refer to updated rules (I.A.T.A.). For further information regarding transport please check MSDS.

### H.S. Code

34.02.1900

### Trademark and Origin of the good

BELLINZONI® is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product DETERGENT LEM-3 is **MADE IN ITALY**.



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## TECHNICAL DATA SHEET (TDS)

# LIQUID PREPARATION WAX

ID Product Code 002



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**Liquid wax for polishing corner and edges of marble, terrazzo, engineered stone, granite, stone and cement.**

### Product description:

Liquid product to polish any type of stone. It can be use by hand or in automatic. Its fast dry time allows to make following operations very quickly. Polisher for corners and edges of marble, granite, travertine, tiles and agglomerate stones. It enhances color. Thanks to its easy application can be used for cladding wall and on not flat surfaces as statues or vases. Typical use of LIQUID PREPARATION is on floors to enhance color and shine to the corners after grinding. It is also appropriate for treatment of edges, bull noose etc... LIQUID PREPARATION can be applied on any type of stone grinded over grid 800 in order to enhance color and shine. Its particular formula gives waterproof properties to the stone.

### Chemical characteristics:

Appearance	Liquid
Color	Clear transparent
Odor	Characteristic of solvent
Specific gravity at 20° C (68° F)	1,48±0,02
Hydro-solubility	Not soluble
pH	N.A.
Shelf life at 20°C (68° F)	24 months in original container

\* indicative values, depending on the nature of the material and environmental conditions

### Instruction for use

Apply evenly the product on the surface to treat (surface has to be clean and without powder). Let it dry for 5-10 minutes (in dependence of temperature). To reach a very brilliant result is necessary to buff with dry soft cloth, with fine steel wool (00 or 000) or by brush. It is also possible to polish the stone using an electrical flex machine (max. 2000 rpm) equipped with felt disc or cloth disc.

If the product is applied on the floor, it can be polished using a buffing machine with steel wool or floor polish machine equipped with steel wool disc or polishing disc supplied with the machine.

### Suggestion for use and recommendations:

- It is not advised to apply the product on synthetic materials as plastics, linoleum and laminate.
- Apply on clean and dry surfaces.
- Perform a preliminary test on a small area before actual use.
- Read carefully recommendations printed on the label and perform always a preliminary test before use.

### Application surfaces

Marble, granite, terrazzo, agglomerated and stones.



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## TECHNICAL DATA SHEET (TDS)

### Application tools



Cloth



Angle grinder



Single Disc

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### Coverage

For polishing of marble and granite polished or grinded above grit 800, with 750 ml (25 fl. oz.) of product is possible to treat 20/30 sqm (200/300 sq.ft.) In case of calcareous stone, limestone, sand stone, concrete polished or grinded above grit 800 with 1 kg (35 oz.) of product, it is possible to treat 15/25 sqm ( 160/240 sq.ft.).

### Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place. MSDS is available on our web site [www.bellinzoni.com](http://www.bellinzoni.com)

### Packing

Item N°	Packing	Pcs
002APL01	750 ml (25 fl. oz.)	12
002APL05	5,00 kg (11 lbs.)	3
002APL30	30,00 kg (66 lbs.)	1
002APL200	200,00 kg (440 lbs.)	1

The composition of the tins is Steel (ACC). After use, comply with the local and national regulations currently in force regarding recycling. Our packing is conformed as per U.N. rules for inland transport (A.D.R.) and by sea (I.M.O.) for transportation via air refer to updated rules (I.A.T.A.). For further information regarding transport please check MSDS.

### H.S. Code

34.04.9000

### Trademark and Origin of the good

BELLINZONI® is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product LIQUID PREPARATION WAX is MADE IN ITALY.



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