

ECOPPOINT

TECHNICAL DATA SHEET

By nature,
for life

Eco-Point Group

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TECHNICAL DATA SHEET

Lastoclear. Concentrated biodegradable polycarbonate cleaner.

Product description

Lastoclear is a concentrated, water-dilutable polycarbonate (lexan) cleaner based on fully biodegradable and natural surfactant constituents and detergents. Cracking of the polycarbonate will be a thing of the past, which is why this product is rather revolutionary! In fact, it is an adequate replacement for the current generation of polycarbonate cleaners. With this product, Eco-Point has heralded a new era. An era in which man, environment and material are all taken into consideration - without compromising the quality of the cleaning action.

Solution areas

- Current cleaning agents will cause cracking; a recognised problem when cleaning lexan (polycarbonate).
- If any cleaning agent remains behind, the risk of cracking is substantial.
- Clouded polycarbonate gives problems.
- Tensioned polycarbonate is much more likely to crack.
- High-quality applications require high-quality solutions - take, for example, bulletproof glass.
- Visors in helmets and personal protective equipment must offer optimum sight.

Sustainable solution

Lastoclear has been tested by a renowned polycarbonate manufacturer and has been approved for use on polycarbonate surfaces. Lastoclear does not cause any cracking of the polycarbonate if it is tensioned. Any remaining Lastoclear will not cause any cracking either. For more information about this test, please ask your product advisor and/or the report concerned.

Special advantages

- Lastoclear is fully biodegradable and meets the detergent directive for cleaning agents.
- Lastoclear is a super-concentrate. It is thinned with water and therefore economical to use.
- Lastoclear has a mild pH value and is not corrosive on metal; therefore safe to use.
- Only labelled with an exclamation mark (H319) and already in a concentration of 80% hazard symbol free!
- Lastoclear will not cause any cracking or clouding of the polycarbonate (lexan).

Remarks

Lastoclear is not limited in its applications on polycarbonate surfaces.



Seen its multipurpose characteristics, Lastoclear is suitable for the food processing industry.

It can play an essential role for food processing companies that have to work according to HACCP standards. Contamination is a "critical point" and must be kept under close surveillance. Lastoclear contributes to a controlled working environment.

*Is an independent German research institute that issues certificates for adequacy of cleaning products for the food industry.

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Areas of application

Lastoclear has been especially developed for the cleaning of oils, grease and atmospheric contamination of polycarbonate.

Polycarbonate has an extremely high impact resistance, is virtually unbreakable, is lightweight, has a high optical purity and is not flammable. In short, it can be applied in any situation where an impact-proof glazing type is required, for example in forestry, the interior and furniture industry, stand building and equipment manufacturing, public spaces, catering facilities, etc.

Below, we present a few specific examples of polycarbonate applications;

- storm windows
- balcony glazing
- illuminated advertising
- bus shelters
- stadiums (partitions, dugouts, etc.)
- bulletproof glass (banks, petrol stations, etc.)
- security glazing in schools, sports halls, psychiatric institutions, and locations susceptible to burglary and vandalism.
- wind screens
- baffle plating
- skylights
- bicycle parkings
- conservatories and coverings
- goggles, helmets, mobile telephones

Product instructions

Thin the product depending on the amount of dirt; apply (spray, dampen); allow to soak; remove.

- Lastoclear is ideally diluted by 1:10.
- Depending on the degree and type of pollution Lastoclear can be diluted with water, from 1:4 to 1:50. Consult your product consultant for the level of dilution.
- Apply Lastoclear by means of spraying or by using a brush or sponge.
- Spray: spray the object using the correct thinning, allow to soak, then rinse with water.
- Brush or sponge method: apply Lastoclear using a brush or sponge, allow to soak, brush or sponge off the dirt, rinse with water.

Packing material

Eco-Point International products are packed in polyethylene H.D. or metal drums. When repeat orders are being delivered, used drums which are empty and not polluted are collected free of charge for recycling or reconditioning purposes. When incinerated, polyethylene has no harmful effect on the environment.

Eco-Point sprayers are made of PE or PET: light weight, little raw material per bottle, low production energy consumption, virtually unbreakable and therefore long life, little waste during production and recycling, no harmful substances when incinerated, 100% recyclable.