

Steam Clean Bio

Concentrated high pressure cleaner.

- Active compounds are high performance detergents
- Does not contain caustic soda, no declarations
- Safe to use on plastics, packing, lighter metals like aluminium
- Not harmful to paint systems, also on long term usage
- Because of mediocre foaming, rinsing water can be reused
- Inflammable
- Specially developed ingredients have no negative influence on oil separators and biological waste water treatments

Application

STEAMCLEAN BIO has been developed in 1997, specially for the reuse of rinsing water after cleaning. By choosing mediocre foaming surfactants, which are also readily biodegradable, it is possible, after an biological treatment, to reuse the water.

STEAMCLEAN BIO can be applied with a high pressure unit or manually. The absence of the scent of the product at normal usage dose makes it friendly to work with STEAMCLEAN BIO.

Chelating compounds prohibit the formation of scales in nozzles, pumps and pipes in cleaning devices.

After usage and rinsing of STEAMCLEAN BIO, the waste water should be treated with an oil separation and in most cases the effluent is allowed to dispose of by sewage.

Information should requested from local authorities and the legislations on disposal of waste water should be met.

Directions for use

Direct injection for high pressure cleaning

For the use of high pressure cleaning a solution of 5-10% STEAMCLEAN BIO is prepared in the storage tank. In case of a pre-cleaning a dilution of approx. 3% will be sufficient.

The end dosage on the nozzle of the high pressure unit should be set on 0,05-0,3% solution.

A temperature of 20-80 °C can be used and will be dependent on the amount of dirt and surrounding temperature.

After cleaning the solution is removed from the surface with sufficient water.

Hard to remove scales and films can require higher dosages of STEAMCLEAN BIO, which can be used up to 10% solutions. The duration of the contact time is also of influence and for the removal of difficult scales keep this time up to 10 minutes before rinsing with water.

Low pressure cleaning

For the use of low pressure cleaning, like premix tank or venture-injection, a solution of 2-5% STEAMCLEAN BIO is in most cases sufficient.

Cleaning more difficult scales and films a higher dosage up to 10% might be required.

Nebulise the solution STEAMCLEAN BIO from bottom to the top on the surface. One must try to wet the surface fully.

Rinse the surface after 5- 20 minutes, with an high pressure water jet.

Avoid very high temperatures, like summer sun rays, which may cause the burning of the dried up product into the surface. This can lead to severe stains. Outside cleaning of warm surfaces should be pre-treated with cold water.

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Properties

Safely to be used on plastics, rubber, hardened painting/coating systems, most metals (with acceptance of anodised aluminium).

Less safe on zinc and galvanised materials.

Slightly yellow cleaning agent based on several detergents, surfactants, chelatants and emulsifiers.

Specific gravity (20 °C) : 1,03
Flash point : none
pH (1% sol.) : 10,9

Nature of special risks and safety advice

See our Material Safety Data Sheet.

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