

Technical Data Sheet

Divinol Spritzreiniger HD 1342 (spray cleaner)

Product description

Divinol Spritzreiniger HD 1342 (spray cleaner) is a liquid, slightly alkaline degreasing and cleaning concentrate for cleaning purposes of metals and plastics.

Divinol Spritzreiniger HD 1342 (spray cleaner) is in particular suitable for cleaning and degreasing of iron, steel, copper and aluminium in spray, dipping or ultrasound processes. Also excellently suitable for high pressure applications. A temporary protection from corrosion is being obtained.

Divinol Spritzreiniger HD 1342 (spray cleaner) contains surfactants that are easily biodegradable (OECD test) and meets the requirements of the European Detergents Regulation (EC) no. 648/2004.

Characteristics

Appearance:	clear, light yellow liquid
Composition:	surfactants, product specific active components
Density/20°C / DIN EN ISO 12185 :	approx. 1.0 g/cm ³
pH-value 1 % in distilled H ₂ O / DIN 51 369:	approx. 10.4
VOC-content:	0 %

Application

Divinol Spritzreiniger HD 1342 (spray cleaner) is diluted to the application concentration with DI-water or water of comparable quality. To ensure a consistent cleaning effect, the cleaning solution should be checked.

Subsequent dosing can be either time-cycle controlled or conductance-controlled.

To obtain spot-free surfaces, rinse with an adequate amount of DI-water.

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Dosage

The dosage is based on the type and degree of soiling to be cleaned off. The contact time and temperature also play a role. The optimal dosage is determined during the practical application.

Recommended dosage:

Spray cleaning: 0.5 - 1.5 % (according to degree of soiling)

Temperature: > 30 °C

Time: 10 sec. - 3 minutes

Spray pressure: 1 - 500 bar

Determination of concentration:

a) 100 ml of bath solution to be examined with 1 ml titration aid (anionic tenside solution) add with 10 drops of bromophenolblue solution.

b) Titrate with 0.1 N hydrochloric acid until the colour changes from blue to yellow.

Calculation of concentration:

Concentration **Divinol Spritzreiniger HD 1342 (spray cleaner)** (%) = ml used hydrochloric acid * 0.12

Regeneration of the bath:

According to the target concentration add **Divinol Spritzreiniger HD 1342 (spray cleaner)**.

We look forward to advising you - our technical service team will analyse your system and work out a customised treatment recommendation for you. Please also note the data in our material safety data sheet.

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