



DIRUCLEAN NS
Neutral special cleaning concentrate with a broad
material compatibility for the pharmaceutical industry
Technical datasheet

Liquid, free of surfactants. For spray cleaning processes in CIP-systems, in washers and for manual cleaning.

APPLICATION

Diruclean NS is used for an effective cleaning of different materials in the pharmaceutical industry. Validated cleaning processes based on Diruclean NS are suitable for the

- pharmaceutical industry
- biotechnological production

A residue-free cleaning of surfaces in contact with pharmaceutical products is an important condition for critical areas such as the manufacturing of drugs. The application of Diruclean NS is recommended for spray cleaning in CIP-systems or in washers.

Diruclean NS is also efficient for flooding of production equipment, mixers or containers as well as for the manual cleaning of spare parts.

Diruclean NS is an excellent detergent for the efficient cleaning of peripheric parts in the processing of solid dosage forms.



PROPERTIES

Diruclean NS is

- pH-neutral in the ready-to-use solution
- compatible with aluminium
- suitable for anodized aluminium
- free of silicates and surfactants
- also working without neutralization step
- easily rinsed-off
- absolutely non-foaming
- suitable for validated cleaning processes

Save time by using Diruclean NS!

The mixed loading of a washer with objects made from different materials such as aluminium, plastics, stainless steel and glass is absolutely possible.

INGREDIENTS

Alkalis, complexing agents

DOSAGE

The dosage of Diruclean NS depends on the type of residues, the substrates, the process and the water hardness.

Usually, the optimum concentration in use is 0.5 % - 2.0 % (v/v).

INFORMATION ON USE

Neutralization

Neutralization is not necessary. Rinsing with a slightly acid cleaner shortens the rinsing steps and rinsing time considerably. If cleaning is performed in tap water, the neutralization step eliminates possible residues from mineral and metal ions.

Residue analysis/cleaning validation

In order to confirm a residue-free cleaning suitable and validated analytical methods are supplied. We are pleased to offer advice on how to perform them in practice.

MATERIAL COMPATIBILITY

Suitable for: Aluminium, anodized aluminium, stainless steel, plastics, glass

For materials not mentioned please make your own specific compatibility tests or consult Ateco Tobler AG.

CHEMICAL-/PHYSICAL DATA

(see index following further on)

AVAILABILITY

Please ask your local representative about current container sizes.

Containers, screw caps and labels are made of recyclable polyethylene.

ADDITIONAL INFORMATION

For information concerning safety at work, storage and waste disposal/effluent, please consult the corresponding safety data sheet.

Take advantage of our vast know-how! Please, contact us for further information regarding your specific application.

DIRUCLEAN NS for the highest standards of quality

Diruclean NS products have been developed specially for validated cleaning.

Our products and services allow individual, optimally adapted and efficient cleaning processes to be used. You can obtain further information on this directly from Ateco Services AG.

All information provided is based on our current knowledge and it does not constitute a legally binding assurance of specific product properties.

Chemical-/physical data

pH	1% solution in demineralized water	approx. 8.0
Density	concentrate	1.20 g/ml
Appearance	concentrate	transparent, light yellowish

Ateco Tobler AG

Weidenweg 17
CH-4310 Rheinfelden

Phone: +41 61 835 50 50

Fax: +41 61 835 50 55

www.ateco.ch

info@ateco.ch