

Diruclean NS

Diruclean NS is a liquid, surfactant-free cleaner for spray cleaning in CIP systems, in automatic cleaning machines or for manual cleaning.

USE

Diruclean NS is used for effective cleaning of various materials in the pharmaceutical industry. Validated cleaning processes with Diruclean NS have proven themselves above all in the:

- pharmaceutical industry
- biotechnological production



The residue-free cleaning of surfaces in contact with the product is an important prerequisite for critical areas such as the processing of pharmaceuticals. The use of Diruclean NS is recommended for spray cleaning in CIP systems or in automatic cleaning machines.

Diruclean NS can also be used for flooding production plants, mixers or containers, as well as for manual cleaning of small parts.

Diruclean NS is particularly suitable for the efficient cleaning of peripheral parts when processing solid dosage forms.



PROPERTIES

Diruclean NS is:

- pH-neutral in the application solution
- compatible with aluminium
- suitable for anodized aluminium parts
- Silicate and surfactant-free
- can be used without neutralization step
- excellent rinsing
- absolutely foam-free
- suitable for validated cleaning processes

Save time by using Diruclean NS!

A mixed loading of objects made of aluminium, plastics, stainless steel and glass in the cleaning machine is possible without any problems.

INGREDIENTS

Alkaline dispenser, chelating agent

DOSAGE

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

Experience shows an optimal application concentration at 0.5 % - 2.0 % (V/V).

INSTRUCTIONS FOR USE

Neutralization

Neutralization is not necessary. Rinsing with a slightly acidic cleaner can significantly shorten the rinsing steps and rinsing times. If the cleaning is carried out in drinking water, rinsing with a slightly acidic cleaner removes possible residues of mineral and metallic ions.

Residue Analysis / Cleaning Validation

To prove residue-free cleaning, we offer appropriate analytical methods and will be happy to advise you on the implementation.

MATERIAL COMPATIBILITY

Suitable for: Aluminum, anodized Aluminum, stainless steel, plastics, glass

For materials not mentioned, separate compatibility studies must be carried out or commissioned from Ateco Services AG

CHEMICAL/PHYSICAL DATA

pH value	1% solution in demineralized water	approx. 8.00
Density	Concentrate	1.20 g/ml
Appearance	Concentrate	clear, colourless, slightly yellowish

DELIVERY

Please ask your representative for the current container sizes.

The containers, closures and labels are made of recyclable polyethylene.

ADDITIONAL INFORMATION

For information on occupational safety, storage and disposal/wastewater, please refer to the safety data sheet for this product.

Benefit from our expertise! Ask us for practical information on your specific application.

Diruclean NS for the highest demands

Diruclean NS has been specially developed for validated cleaning / passivation.

Our services and products allow for an individual, optimally coordinated and effective process.