

Dirupass NB

Dirupass NB is a strongly oxidising cleaning agent for passivating stainless steel surfaces.

After the derouging process, the passivation takes place with Dirupass NB (pH-neutral). These products were specifically engineered for validated cleaning/passivation. The combination of Diruneutra and Dirupass NB enables an individualised process which is best adapted to each user – and effective.

Oxidizing cleaner for passivation of stainless steel surfaces

USE

Dirupass NB is a highly oxidizing cleaner for the passivation of stainless steel surfaces:

- following a derouging with the product Diruneutra LIQ/P or Dirupure LIQ/P
- for initial passivation in combination with the products Diruclean

Dirupass NB is used for residue-free processes in the chemical and pharmaceutical industry, biotechnology and cosmetics industry.

The passivation process of Ateco Services AG

The passivation process involves two steps: first, the surfaces are prepared with the pH-neutral special cleaner Diruclean NS or Diruclean NK or the derouging agent Diruneutra LIQ/P or Dirupure LIQ/P. This is immediately followed by passivation with Dirupass NB.

The advantages at a glance

The new process, developed by Ateco Services AG, offers important advantages over conventional processes:

- Low application concentrations
- No halides
- pH-neutral process
- Increased occupational safety
- Material-friendly process
- Specific and validated analytical methods for any residues
- Ideal process for electropolished surfaces

PROPERTIES

Dirupass NB is:

- liquid
- highly oxidizing
- can be rinsed off without leaving any residue
- completely degradable
- Surfactant free
- non-foaming
- biodegradable
- suitable for validated cleaning



A mixed load of objects made of plastics, stainless steel. Nickel (Hastelloy) and glass in the cleaning machine is possible without any problems.

INGREDIENTS

Inorganic peroxide for details, see Safety Data Sheet Dirupass NB

DOSAGE

Dose Dirupass NB immediately before passivation of the cleaning solution.

Depending on the procedure, the application concentration is 2.0 - 10.0 % (v/v).

INSTRUCTIONS FOR USE

Please observe the safety instructions on the safety data sheet. When dealing with Dirupass NB, the following points in should be considered:

- Excess pressure must be able to escape – Dirupass NB decomposes completely, but at different speeds. The function of the pressure escape points must be ensured.
- Do not associate the concentrate with flammable and flammable products and alkalis. Proper protective gear is always required.
- The storage and work area must be free of flammable material such as wood, paper, etc.

Neutralization

None necessary. Process water and rinsing water can be disposed of without further treatment.

Please note the local regulations on wastewater

MATERIAL COMPATIBILITY

Dirupass NB is suitable for: Stainless steel 1.4301, 1.4401, 1.4404, 1.4435, 1.4571, 1.4539

PE, PTFE, PVDF, EPDM, Silicones, PEEK, 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	5.5
Density	Concentrate	1.13 g/ml
Appearance	Concentrate	clear, colourless

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.

Dirupass NB for the highest demands

Dirupass NB have been specially developed for validated cleaning / passivation.