	<b>PRODUCT DATASHEET</b>	Version:	1
	<b>DIRUPASS NB</b>	Doc. No.:	0612-02A
		Created:	19.08.2024

## Dirupass NB

**Oxidizing cleaner for passivation  
of stainless steel surfaces**

**Product datasheet**

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*Dirupass NB is suitable for CIP spraying, flooding and in dishwashers*

### **USE**

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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



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## **PROPERTIES**

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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**

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Inorganic peroxide for details, see Safety Data Sheet Dirupass NB

## **DOSAGE**

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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**


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Please observe the safety instructions on the safety data sheet. When dealing with Dirupass NB, the following points 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

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## **MATERIAL COMPATIBILITY**

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*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**

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pH value	1% solution in demineralized water	5.5
Density	Concentrate	1.13 g/ml
Appearance	Concentrate	clear, colourless

## **DELIVERY**

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Please ask your representative for the current container sizes.

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

## **ADDITIONAL INFORMATION**

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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.

### **Dirupass NB for the highest demands**

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

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