

DIRUPASS NB

Oxidizing cleaner for stainless steel surface passivation

Technical datasheet

Suitable for CIP spray processes, flooding and in washers.

APPLICATION

Dirupass NB is a strongly oxidizing cleaner for stainless steel surface passivation

- after a derouging with Diruneutra LIQ/P
- for a first time passivation in combination with Diruclean NS

Dirupass NB is used for residue-free processes in chemical, pharmaceutical, biotechnological and cosmetic industries.

The passivation process developed by Ateco Tobler AG

The passivation process consists of two steps: The surfaces are first prepared with pH neutral cleaner Diruclean NS or our derouging product Diruneutra LIQ/P. The actual passivation step follows immediately afterwards with Dirupass NB.

The advantages at a glance

This new process developed by Ateco Tobler AG has important advantages compared with other commonly used methods:

- low concentrations
- no halides
- pH neutral process
- increased safety at work
- mild towards materials
- specific and validated analytical methods for eventual residues
- ideal process for electropolished surfaces



PROPERTIES

Dirupass NB is

- liquid
- strongly oxidizing
- leaves no residues on rinsing
- completely degradable
- surfactant-free
- non-foaming
- biologically degradable
- suitable for validated cleaning

INGREDIENTS

Inorganic peroxide

DOSAGE

Add Dirupass NB to the cleaning solution immediately before passivation.

Dirupass NB is used at a concentration of 2.0 - 10.0 % (w/w).

INFORMATION ON USE

Please consult safety notes according to the safety data sheet. Primarily pay attention to the following points when handling Dirupass NB:

- Allow overpressure to be released – Dirupass NB decomposes completely, but at different rates. Pay attention to the proper function of pressure release points.
- Avoid contact of the concentrate with inflammable and combustible products and alkalis. Appropriate safety cloths must be worn.
- Storage and working area must be clear of combustible material such as wood, paper etc.

Neutralization

Not necessary. Disposal of process water and rinsing water without any other treatment. Please check your local wastewater regulations.

MATERIAL COMPATIBILITY

Suitable for: Stainless steel 1.4301, 1.4401, 1.4404, 1.4435, 1.4571, 1.4539
PE, PTFE, PVDF, EPDM, silicone, PEEK, glass

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

CHEMICAL / PHYSICAL DATA

(See table below)

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.

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 DI-water	5.5
density	concentrate	1.13 g/ml
appearance	concentrate	transparent, colourless

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