



ALPACON DESCALANT

Cleaning agent for plate heat exchangers and centrifugal separators

ALPACON DESCALANT is a highly efficient non-hazardous water-based cleaning agent containing BIOGEN ACTIVE®, a biological mixture made from renewable materials, as an active ingredient.

Concept

ALPACON DESCALANT is a cleaning agent designed for the removal of scale, magnetite, algae, humus, mussels, shellfish, lime, rust and other deposits in water systems such as pipes, plate heat exchangers and centrifugal separators.

It can be used for Cleaning in Place (CIP) processes and for manual cleaning.

Features and benefits

- Contains no solvents and no inorganic acids.
- Water-based and non-flammable.
- Not aggressive to steel, aluminium, copper or brass.
- Not injurious to health.
- No transport restrictions.
- Environmentally friendly. Contains BIOGEN ACTIVE®, a unique raw material based on fermented whey. Biologically degradable.
- Tested and documented in the Harmonized Offshore Chemical Notification Format (HOCNF) and environmentally acceptable according to the guidelines of the Norwegian Pollution Control Authority.
- Efficient cleaning results in man-hour savings.



Contains BIOGEN ACTIVE®, a unique raw material based on natural lactic acid. Readily biologically degradable!

Instructions for use

Recommended mixing ratio is 1 part of ALPACON DESCALANT to 7 parts of water.

For best performance, mix the solution thoroughly before use.

Recommended cleaning temperature is 50–70°C. Higher temperatures increase cleaning efficiency.

Normal cleaning time is 3 to 6 hours.

The best way of controlling the cleaning process is to continuously monitor pH in the recirculated liquid. In general the cleaning procedure will increase the pH, which will stabilise in a few hours.

If the pH stabilizes in less than 1 hour, the deposits are probably covered with oil or grease.

To remove oil or grease deposits, it is recommended to add ALPACON DEGREASER to the cleaning solution.

If the pH rises above 3.5 (often due to large lime deposits), an additional amount of ALPACON DESCALANT must be added.

Technical data

Appearance:	Transparent liquid, light pink
Odour:	Weak
pH value:	1.3±0.3
Solubility:	Water-soluble

Content

Fermented whey
Fruit acids
Water

Transport & storage information

ALPACON DESCALANT is not classified as a hazardous substance under current transport regulations.

ALPACON DESCALANT can be ordered in 12 or 25 litre plastic cans, 200 litre steel barrels or 1000 litre plastic containers.

Storage should be done at 0–50°C.

Can be frozen and thawed without impairing performance.

Check the product visually after 3 years and verify that pH is within the prescribed limits.

Regulatory information

Symbols: Xi Irritating
R-phrases: R36 Irritating to eyes
S-phrases: S25 Avoid contact with eyes

	Part no.
12 litre plastic can	585828-01
25 litre plastic can	1796404-13
200 litre steel barrel	1796404-15
1000 litre plastic container	1796404-19

How to contact Alfa Laval

Contact details for all countries are continually updated on our web site. Please visit www.alfalaval.com to access the information direct.