Product Bulletin

ODYVAP VA 30 for Steam Boilers

ODYVAP VA 30 is intended for conditioning water from steam generators supplied with Demineralized, RO, or Softened Makeup Water.

The inhibitors used in **ODYVAP VA 30**'s formulation protect internal waterside surfaces through the adsorption of a monomolecular film which makes it possible to avoid any contact between the water and the metal surfaces of the system, with no heat transfer losses.

ODYVAP VA 30 only contains raw materials approved as published in the Code of Federal Regulations of the Food and Drug Administration, Title 21, Section 173.310, pertaining to substances authorized for the treatment of generators whose steam comes into direct contact with foodstuffs.
ODYVAP VA 30 also has NSF certification for Category G6 (treatment of boilers whose steam comes into contact with food, registration no. 149127).
The certificate is available at http://info.nsf.org/USDA/Listings.asp?Company=C0129276.

ODYVAP VA 30 is particularly recommended for the food industry and hospitals. However, the use of this product is not recommended in plants where the steam comes into direct contact with dairy products.

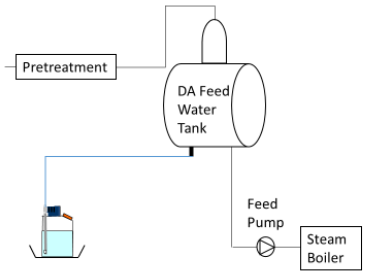
ODYVAP VA 30 reduces servicing times, the need for supplies and product inventory, and simplifies monitoring of the water treatment program.
ODYVAP VA 30 is a safe product with low toxicity, that is easy to use and to monitor, and an effective alternative to traditional treatments.

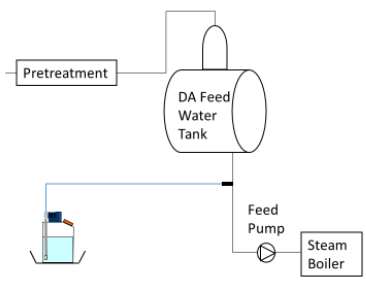
BENEFITS

- Cleaning effect
- Excellent protection against corrosion
- Improved heat transfer efficiency
- Allows for increased cycles of concentration
- Competitive pricing, low doses
- Easy-to-use, one simple field test
- Food grade: FDA CFR 21, NSF G6
- All-organic, biodegradable, low toxicity

SINGLE POINT OF INJECTION

- If there is a Deaerator:
  On the underside of the tank or Into the suction side of the feed pump

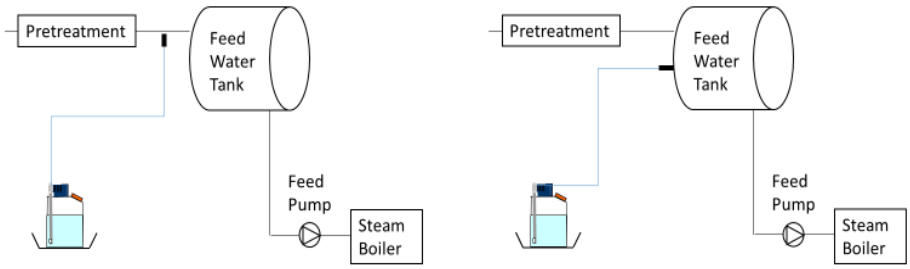




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❖ If there is no Deaerator:

Between the pre-treatment and the feed-water tank or In the feed-water tank



GETTING STARTED WITH THE TREATMENT

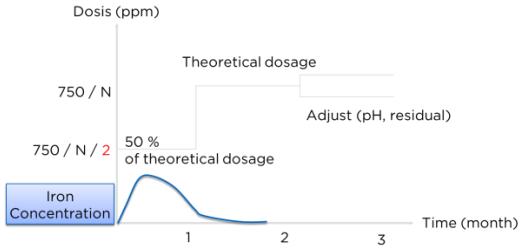


Figure 1: Dosage vs. Time – Cleaning Effect
Where N = concentration ratio regarding make-up

❖ Adjust the treatment to the material balance:
- ✓ 700 - 800 / N ppm

❖ Check the pH in the condensates
- ✓ > 8.3

❖ With the test kit: check the residual
- ✓ Residual polyamines: > 0.1 ppm (feed-water – boiler – condensates)

PHYSICAL PROPERTIES

Appearance	Liquid
Color	Light yellow
Odor	Amine
pH	11.8

STORAGE & HANDLING

The neat product is alkaline. Use precautions when handling the chemical (gloves, goggles, etc.), as described in the Safety Data Sheet (SDS). Store this product in a ventilated area at moderate temperatures (40 - 105°F). Protect from freezing.
Do not mix this product with other chemicals without checking with ODYSSEE Environnement first.

PACKAGING

ODYVAP VA 30 is a liquid product that is sold in a variety of packaging containers.

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