



WINE CELLAR HYGIENE

AFCO

A Zep Company



HYGIENE PLAN



www.afcicare.eu - № 1 for safe cellar hygiene



APPLICATION

GRAPE HANDLING

(Press, reber, dinnerware, pumps, pipes, sorting tapes, hoses, etc.)

BASIC-CLEANING

- **TM BIPUR with chlorine**
- **TM TARTAREX and TM BISTERIL** and **chlorine free**

5-50%
20min
10-60°C
5-10%
30min
max. 60°C

Cleaning and disinfection - all in one go. Prepare solution and spray surfaces or fill lines, tanks and tools and allow recommended dwell time. Rinse off with water by means of a high-pressure spraying device.
Alkaline cleaning with Active Oxygen-booster. Chlorine-free. Add 0.5 to 1 litre of **TM TARTAREX** and **TM BISTERIL** to 10 litres of warm water (up to 60°C). Spray surfaces, allow recommended dwell time and rinse off thoroughly with water by means of a high-pressure spraying device. **Don't mix concentrates!**

DAILY DISINFECTION

- **TM BIPUR with chlorine**
- **TM TARTAREX and TM BISTERIL** and **chlorine free**

2-5%
10min
10-70°C
2%
10min
max. 60°C

Cleaning and disinfection - all in one go. Prepare solution and spray surfaces. Allow recommended dwell time. Rinse off with water by means of a high-pressure spraying device.
Alkaline cleaning with Active Oxygen-booster. Chlorine-free. Add 0.5 to 1 litre of **TM TARTAREX** and **TM BISTERIL** to 10 litres of warm water (up to 60°C). Spray surfaces, allow recommended dwell time and rinse off thoroughly with water by means of a high-pressure spraying device. **Don't mix concentrates!**

FOAM-CLEANING

- **TM FOAM CAUSTIC** and **TM BISTERIL**

5%
10-15min
max. 60°C

For foam cleaning of harvesting-tools, sorting tables, destemmers, harvesters, grape presses etc. apply foam on surfaces from bottom to top, allow recommended dwell time and rinse off with water from top to bottom.

TARTARE-REMOVAL

- **TM TARTAREX**
- **TM Z-SUPER**

4-8%
20-40min
10-50°C
1-4%
20-40min
10-50°C

Spray/cleaning: Circulate solution by means of a pump and a spray head. Rinse until last rinsing water is pH-neutral.
Dissolve in cold water at a ratio of 1:10 (e.g. 1kg powder to 10 litres of water). For spray-application, prepare 100-300 litres of cleaning solution and recirculate by means of a pump and a spray head. Rinse thoroughly.

INSIDE-CLEANING

- **TM BIPUR with chlorine**
- **TM TARTAREX and TM BISTERIL** and **chlorine free**

1-5%
10-15min
10-70°C
1-3%
10-15min
max. 60°C

Removes tanning agents and stains from surfaces. For spray-application, prepare 100-300 litres of cleaning solution and recirculate by means of a pump and a spray head. Rinse thoroughly.
Cleans and disinfects, also removes thin layers of tartare. For spray-application, prepare 100-300 litres of cleaning solution and recirculate by means of a pump and a spray head. Rinse thoroughly. **Don't mix concentrates!**

OUTSIDE-CLEANING

- **TM FOAM ACID**
- **TM FOAM CAUSTIC**

5-10%
10-15min
cold
3-10%
15-20min
cold

Apply cleaning solution by means of foaming device or brush and allow recommended dwell time. Perfectly removes limescale. Rinse thoroughly.
Apply cleaning solution by means of foaming device or brush and allow recommended dwell time. Combine with **TM BISTERIL** to remove mould, tanning agents or stains. Rinse thoroughly.

HARVESTER

- **TM FOAM CAUSTIC** and **TM BISTERIL**

5-10%
15-20min
cold

Alkaline cleaning with Active Oxygen-booster. Apply cleaning solution by means of foaming device and allow recommended dwell time. Rinse thoroughly. **Don't mix concentrates!**

TRACTOR

- **TM FOAM TRAKTOR**

5-8%
5-15min
20-60°C

Apply cleaning solution from bottom to top by means of a foaming unit or brush and allow recommended dwell time. Removes fat residues. Rinse with water from top to bottom.

BARRIQUE-RECONDITIONING

- **TM RECOND AC**
- **TM RECOND PH**

0.6-1%
3-6min
45-60°C

Gentle regeneration of the wood barrel surface with the **TM RECOND** method, dosage via **TM RECOND K3** dosing station.

SPRAY CLEANING

- **TM TARTAREX**
- **TM RECOND PH**

4.8%
20-40min
10-50°C
1-2%
15min
cold

For 1-2 year tartare crusts (3mm thickness). Spray/cleaning. 100-300 litres solution, Circulate solution by means of a pump and spray head. Solution can be reused.
Check: pH value must not drop below pH 13.
Circulate 100-300 litres **TM RECOND PH** solution, can be used as long as it is slightly acidic.

WOOD BARRELS

SOAKING METHOD

- **TM TARTAREX**
- **TM RECOND PH**

2-3%
12-24h
cold
1%
12-24h
cold

For tartare of several years (more than 5mm) soaking method: fill the barrel and let it act. In very old stains, wood could be damaged. Cleaning solution can be reused. Check: pH value must not drop below pH 13.
Fill the barrel completely, solution can be reused as long as it is slightly acidic.

WORKING MACHINES

TANK CLEANING

(Stainless steel tank, plastic container, concrete cisterns)





USE WOODEN BARRELS EFFECTIVELY MORE OFTEN



TM FOAM- & SPRAYING DEVICES

- no electrical connection necessary
- compressed air operated
- easy handling
- chemical resistant



TM Foam unit FI 25



TM Foam unit FI 10



TM Spray set

All recommendations provided in this brochure are given with our best intentions and are based on the latest industry standards at the moment of creation of this literature. In general, we do not warrant or guarantee the completeness of the information contained herein. Please always contact your AFCO/THONHAUSER specialist for detailed information!



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