

WINE CELLAR HYGIENE

AFCO

A Zep Company

HYGIENE PLAN

www.afcocare.eu - **N° 1** for safe cellar hygiene



GRAPE HANDLING

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



TANK CLEANING

(Stainless steel tank, plastic container, concrete cisterns)



WORKING MACHINES



WOOD BARRELS

					APPLICATION
BASIC-CLEANING	● **TM BIPUR** with chlorine	5–50%	20min	10–60°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.
	● **TM TARTAREX** and **TM BISTERIL** chlorine free	5–10%	30min	max. 60°C	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	2–5%	10min	10–70°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.
	● **TM TARTAREX** and **TM BISTERIL** chlorine free	2%	10min	max. 60°C	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**	4–8%	20–40min	10–50°C	Spraycleaning: Circulate solution by means of a pump and a spray head. Rinse until last rinsing water is pH-neutral.
	● **TM Z-SUPER**	1–4%	20–40min	10–50°C	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	1–5%	10–15min	10–70°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.
	● **TM TARTAREX** and **TM BISTERIL** chlorine free	1–3%	10–15min	max. 60°C	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**	5–10%	10–15min	cold	Apply cleaning solution by means of foaming device or brush and allow recommended dwell time. Perfectly removes limescale. Rinse thoroughly.
	● **TM FOAM CAUSTIC**	3–10%	15–20min	cold	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**	4-8%	20–40min	10–50°C	For 1-2 year tartare crusts (3mm thickness), Spraycleaning, 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.
	● **TM RECOND PH**	1-2%	15min	cold	Circulate 100-300 litres **TM RECOMD PH** solution, can be used as long as it is slightly acidic.
SOAKING METHOD	● **TM TARTAREX**	2-3%	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.
	● **TM RECOND PH**	1%	12-24h	cold	Fill the barrel completely, solution can be reused as long as it is slightly acidic.



USE WOODEN BARRELS EFFECTIVELY MORE OFTEN

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PROFESSIONAL CLEANING

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 warant or guarantee the completeness of the information contained herein. Please always contact your AFCO/THONHAUSER specialist for detailed information!

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