



TM SMART CIP – CLEANING AND VERIFICATION IN ONE STEP!

HIGHLY CONCENTRATED, LIQUID ALKALINE CLEANER FOR ALL KIND OF BEER AND BEVERAGE LINES. VERIFICATION OF CLEAN BY MEANS OF COLOR CHANGE: PURPLE MEANS CLEAN.

- ✓ NO SURFACTANTS ñ EASY TO RINSE!
- ✓ HIGHLY CONCENTRATED PREMIUM CAUSTIC BLEND
- ✓ SUITABLE FOR CIP OPERATIONS
- ✓ MADE IN USA - OVER 30 YEARS OF THONHAUSER FOOD & BEVERAGE HYGIENE SIENCE

APPLICATION

1) PRE-RINSE LINES	ALWAYS PRE-RINSE LINES BEFORE CLEANING OPERATION
2) 1 - 2% usage rate	USA CONCENTRATION 1-2%, DEPENDING ON SOIL LEVEL
3) TAKE A BLANK	TAKE A BLANK FOR COLOR COMPARISON BEFORE STARTING THE CLEANING / CIP PROCESS. BLANK SHOULD BE PURPLE!
4) ONE-WAY CLEANING	ONE-WAY-CLEANING OPERATION: WHEN COLOR MATCHES BLANK, CLEANING IS COMPLETED!
5) RE-CIRCULATION CLEANING - CIP	CIRCULATION-CLEANING / CIP: COLOR CHANGES TO GREEN OR YELLOW WHEN SYSTEM IS DIRTY. FOR PROOF OF CLEAN APPLY A SECOND FLUSH AND CHECK FOR CONSTANT PURPLE COLOR. GREEN/YELLOW SOLUTION MIGHT BE KEPT FOR PRE-CLEANING OPERATIONS!
6) FLUSH OFF WITH WATER	FLUSH WITH WATER: CHECK PH – SHOULD BE BELOW PH 8 BEFORE FILLING WITH PRODUCT.

CONDUCTIVITY

@ 25C / 77F	concentration:	0.5%	1%	2%	3%	4%	5%
always measure with local water!	conductivity (mS/cm):	5.78	11.43	22.2	32.3	42.5	52.1

BENEFITS

- VERIFICATION OF CLEAN! Instant & easy HYGIENE CHECK.
- PST® - Thonhauser's PRECISE SCAVENGE TECHNOLOGY: COLOR OF PRODUCT CHANGES when lines are dirty.
- best cleaning properties: unique, patented formula, extra strong causticity. No surfactants – faster and easier to rinse!
- Active Chlorine: additional bleaching properties - contributes to an effective cleaning process.
- Consult your Thonhauser-expert: We help you to protect your product from contamination!

PACKAGING AND SHELF-LIFE	5 gal cans (tap available), 55 gal drums (pump available) Shelf-Life: 19 month from date of production
STORAGE	Store in cool, dark environment (40min - 95 C max)
SEWAGE AND DISPOSAL	The used TM SMART CIP solution can be drained off together with the rinsing water into the sewage. The pH-value is lowered to 8.0 ñ 9.5, by diluting the solution.
CAUTION!	Do not mix with acid detergents! Do not store TMSMART CIP solution under CO ₂ pressure! Prepare a fresh solution for each client!
HAZARDOUS MARKING	Concentrate: C corrosive
ALWAYS READ THE LABEL, PRODUCT INFORMATION AND CONSULT MSDS BEFORE USE! 24/7 POISONING EMERGENCY HOTLINE: +1 866 706 3262	