

**KLENSCE H1: HEAVY DUTY ALKALINE CONCENTRATE FOR EFFECTIVE CLEANING**



**Klensce – The Science of Cleaning**

At Arham Ventures, we believe in not just cleaning for the sake of cleanliness, but curating the right solutions that eradicate the most common pathological contamination along with the microbial overload that may hamper the process and product qualities.

With Klensce, we instill our solutions with the right scientific backing to provide for results that improve the hygiene of the plant and equipment, product and overall process. The unparalleled cleaning solutions offer not just better product and production, but also an improved economic viability to the plant and operations.

**H1** is a heavy duty alkaline concentrate specifically crafted for CIP (Clean-in-Place) operations in dairy, processed food, beverage, brewery plants, and many more industries that eradicates organic soiling and scale deposits along with the Biofilm which is commonly found in equipment, tankers, PHE's (Plate-type Heat Exchangers), pasteurizers, evaporators and heavy equipment plant process.

**H1** is a formulated specialty alkaline cleaner that removes off the biofilm, organic and inorganic deposits along with the scaling and acid soluble residues. It is used in a wide range of applications, suitable for use on Al, cast iron, mild steel stainless steel, copper, brass, Monel (Ni-alloys), Cu- alloys, even gaskets. It is added with surfactants, defoamer and suitable organic inhibitors to prevent acid attacks on metallurgy.

**Benefits of using H1 –**

- Eliminates Biofilm
- Reduces Microbial Contamination
- Removes Organic and Inorganic Deposits
- Improves Machinery Health
- Improves Production Process
- Improves Operational Efficiency
- Improves Product Quality
- Improves Economic Viability
- Saves Resources
- Saves Equipment

**Application Areas of H1 –**

- Dairy Industry for Process Machinery, Tankers, Cold Process, Evaporators and more
- Food & Beverage Industry for all Process Machinery
- Breweries
- Washing of Crates, SS Surfaces
- Bottle Washing
- PET flakes Washing
- General CIP systems
- General Purpose Cleaning

Properties		Composition	
State	: Liquid	Name	% by weight
Colour	: Clear	Sodium Hydroxide	: 40%
Appearance	: Clear	Surfactants, Stabilizer, Water	: Balance
pH	: > 12		
Solubility	: Completely		
Odour	: Mild		

Usage Guidelines	
<b>Usage Information</b>	
Dilution	: 0.5 – 1.5 %
Temperature	: 50 – 70 degree
Time	: 15 – 20 minutes
Combined with	: Klensce H2
Neutralization with	: Chorine Dioxide
CIP Procedure	: Pre-rinse with luke-warm water
	Rinse with Klensce H1
	Post-Rinse with luke-warm water
<b>Material Information</b>	
Compatibility with	: Metal, Steel, SS, Copper, Brass, Aluminum, Nickel, CU-Alloys, Plastics like PE, PP, PVC, PVDF, Gaskets and Galvanized Surfaces, SS like AISI 304, 316, 316 L, Titanium or Alloys such as Hastelloy
<b>Handling Information</b>	
Care	: Proper safety apparatus and clothing is recommended such as splash goggles, gloves, lab coat, vapor respirator and boots
Safety	: Immediately rinse off any splashes on to skin, eyes or otherwise
	Seek medical attention if contact with eye
	These chemicals are not for injection
<b>Storage Information</b>	
Storage	: Klensce H1 must be stored in it's original container which is to be placed in a cool and dry place
	Avoid exposure to heat, flame and direct sunlight
	Please refer to the label and MSDS
Packing	: It is available in HDPE jars/barrels
	Packaging ranges between 5 and 1000 L