PUREXOL 2

029/03/09/07/A1

COMMERCIAL FORM Clear yellow liquid.

APPLICATIONS Alkaline chlorinated detergent for the simultaneous cleaning and sanitation of tanks, hoses, bottle fillers, kegs and general equipment.
Specially developed for the deep cleaning and sanitation of pipelines and dispensing equipments.

COMPOSITION Product based on sequestrants, potassium hydroxide and 3 g chlorine per 100 g of product.

PROPERTIES The chlorine in PUREXOL 2 is stable, plus the presence of potassium hydroxide gives it a cleaning action.
With water of normal hardness, PUREXOL 2 prevents the formation of mineral sediments of all kinds (beerstone, milkstone, etc.) as well as scale deposits resulting from water hardness.
PUREXOL 2 does not foam when used in automatic cleaning systems.
PUREXOL 2, concentrate or working solutions, must not be allowed to come into contact with acids.
PUREXOL 2 should not be used for cleaning tanks when high concentrations of CO_2 are present (> 1 % CO_2).
If the alkaline components are neutralized by CO_2 or other acids, there is a danger of formation of chlorine gas, which can lead to corrosion, possible poisoning effects and off flavours in beer.

COMPATIBILITY		
Use solution at the recommended conditions		
Compatible materials	Stainless steel, rubber, plastic materials	
Incompatible materials	Aluminium	
Concentrated product		
Compatible materials	Storage / dosing	PVC Hard PE
	Dosing pumps membranes	PTFE
	Seals	EPDM
Incompatible materials	Storage / dosing	Stainless steel Aluminium

SA SOPURA NV
Rue de Trazegnies 199
B – 6180 COURCELLES - Belgium

TEL +32 71 46 80 10
FAX +32 71 45 25 90
E-mail : sales@sopura.com

PUREXOL 2

029/03/09/07/A2

This product can be applied in the food industry (brewery, soft drink, etc.) and meets all national and European related legislations currently in force.

USE CONCENTRATION

By soaking, spraying, or circulation
0.25-2.0 % v/v according to the thickness of deposits.

By brushing
1.0-5.0 % v/v.
Should not be used above 60°C.

CONCENTRATION

Titration of active chlorine

ANALYSIS

. Pipette 25 ml of the working solution of the product.
. Add ca 100 ml of distilled water and ca 2 g KI.
. Add 10 ml of acetic acid (50%).
. Titrate against a 0.1 N $Na_2S_2O_3$ solution until decolouration of the solution.

[PUREXOL 2] % v/v = ml of 0.1 N $Na_2S_2O_3$ x 0.39
[PUREXOL 2] % w/v = ml of 0.1 N $Na_2S_2O_3$ x 0.47

Titration of free alkalinity
Before carrying out the titration for alkalinity, the chlorine present in sample must be removed through addition of the quantity of 0.1 N $Na_2S_2O_3$ found with the first titration (+ 10 %); next add a small quantity of $BaCl_2$ and a few drops of phenolphthalein before titration of the free alkalinity against 0.1 N HCl.

Specific gravity : 1.215 +/- 0.015

PACKAGING

Jerrycan - drum (both with venting cap) - IBC (with venting cap) on request.

STORAGE

Storage of packaging : **vertical.**

FIRST AID

re : material safety data sheet.

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SAFETY PRECAUTIONS re : material safety data sheet

TRANSPORT ADR-RID :
IMO : re : material safety data sheet

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