

Glass Bottles Process

Treatment of scuffing damages on returnable bottles with GLASS WAX



Untreated bottle



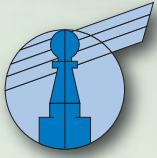
Treated bottle

GPB Glass Bottles Process

114 rue Principale - 67240 GRIES - FRANCE

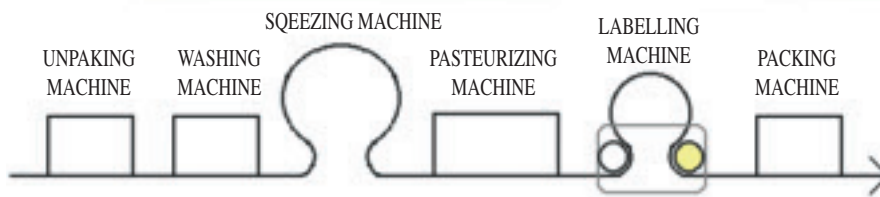
Tél. +33 (0) 388 721 585 - Fax +33 (0) 388 721 655

E-mail: glassbottlesprocess@cegetel.net

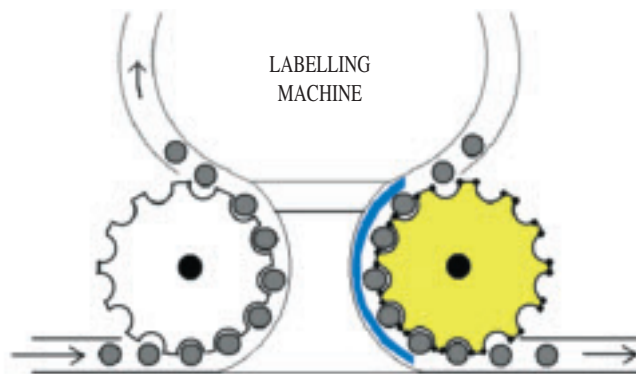


PARAFFIN APPLICATION TECHNOLOGY ON PACKAGING LINE

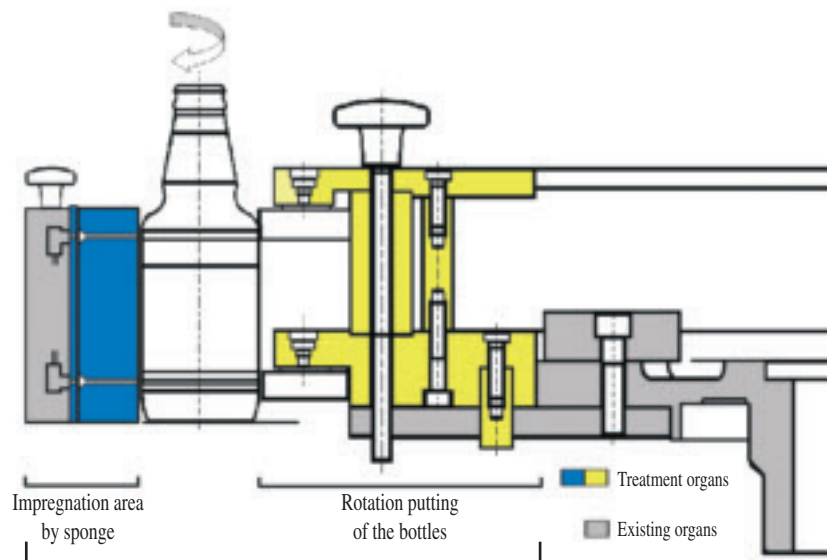
Location on bottling line

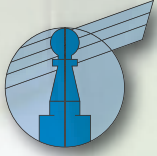


Location on labelling machine exit cogwheel



Equipment specification





PREVENTIVE AND/OR CURATIVE TREATMENT OF SCUFFING DAMAGES

Advantages of the product:

- Added value to the bottle
- No effect on the taste and froth of the beverage.

Technical advantages:

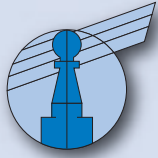
- A solution for all types of bottling fleets
- No additional machine
- No performance loss on line:
 - Rate
 - Output
 - Bottle labelling

Consumer security advantages:

- Base product: fully biodegradable FDA agri-food paraffin
- Application limited to the body of the bottle
- Complies best to the ISO 14001 environmental standard
- Downstream from the glass checking of the bottle
- No performance loss of default detection such as neck cracks, bottom chips, etc.

Economic advantage:

- Small investment
- Product consumption limited to the necessary area
- Bottling fleet protection
- Treatment product flow adjustable on titrimetric pump display
- Edge in a competitive environment.



Glass Bottles Process



Feeding power station



*Lifting equipment of
labelling machine*

GBP GRIES	SHEET OF TECHNICAL SPECIFICATIONS GLASS WAX	Ref : IO931200 E
19/05/2000		Invalidate and replace IO911200
SHEET OF TECHNICAL SPECIFICATIONS GLASS WAX		
PRODUCT REFERENCE		
Commercial designation: GLASS WAX		
CHARACTERISTICS		
PARAFFIN IN AQUEOUS SOLUTION WITH 13% DENSITY		
DENSITY 20/20	UNIT	0.9800 - 0.9895
TEMPERATURE OF USAGE	°C	4 - 30 (Bottle)
ASPECT		WHITISH LIQUID
DURATION OF STORAGE		6 MONTHS
TEMPERATURE OF STORAGE	°C	0 - 30
STABILITY TO FROST		KEEP AWAY FROM EXTREME COLD
ACTIVE PRODUCT		PARAFFIN
PROPERTIES		
TREATMENT OF BOTTLES MASKING EFFECT OF SCUFFING DAMAGES		
USAGE		
PACKAGING LABELLING MACHINE WITH AN EQUIPMENT DEDICATED TO THE IMPLEMENTATION OF THE CENTRAL SUPPLYING ACCORDING TO THE EXPLANATORY LEAFLET AND USE PROCEDURE WHICH ARE AT THE USER'S DISPOSAL		
PERFORMANCE		
THE WHOLE OF BOTTLES TREATED IN THE 1 TO 4 SCUFFING DAMAGES CATEGORIES 80 TO 100 LITRES / 1,000,000 BOTTLES		
THE FOOD-PROCESSING INDUSTRY		
PRODUCT ELABORATED IN AQUEOUS SOLUTION (DISTILLED WATER), FROM PARAFFIN (MAIN COMPONENT), SATISFYING THE STANDARDS OF THE U.S. REGULATION		
<ul style="list-style-type: none"> - FDA 21 Code of Federal Regulations § 172 - 878 (in Food) - FDA 21 Code of Federal Regulations § 178 - 3620 a (contact with Food) 		

Safety Data Sheet		
Commercial identify Sheet N° 97GWB	Glass Wax Version : Draft 0	Page : 1/6 Date : 28/03/97
Label of product :		
Used labeling :		
Symbols :		
Phrases R :		
Phrases S :		
Transport labeling :		
<i>Nothingness Nothingness Nothingness Non concerned</i>		
1. Identification of product and society :		
- Identify :		
- Commercial use :		
<i>Glass Wax Solution of treatment and of revaluation for exterior surfaces of glass bottles and the used materials in the industry of packaging for food -processing drinks .</i>		
Supplier :		
- Manufacturer's Name/Social reason :		
Address :		
Phone :		
Telex :		
N° of emergency call :		
<i>Glass Bottles Process 114, rue Principale , F-67240 Onès + 33 (0) 388 721 585 + 33 (0) 388 721 655 Treatment centre for poisoning cases : + 33 (0) 388 373 737 1, place de l'hôpital, F -67000 Strasbourg . ORLIPA : Treatment centre poisoning cases : + 33 (0) 145 42 5 959</i>		
2. Composition/Information of components :		
- Substance :		
- Usual chemical identify y :		
<i>Aqueous solution of mineral white cal highly refined, liquid paraffin with a grade of controlled viscosity having a specific setting solution.</i>		
- Generic identify :		
- Number CAS :		
<i>Components positive list : - XXXX-XX-X FDA Paraffin 8 to 12 % - XXXX-XX-X } - XXXX-XX-X } ≈ 1 % of the weight - XXXX-XX-X }</i>		
- EINECS Number :		
- Constituent contributed to dangers :		
<i>232-455-8 Paraffin Any to our knowledge in normal use</i>		