



# E N S I E M O

YOUR PARTNER FOR A SAFE, QUALITATIVE & COMPLIANT PACKAGING SOLUTION



SGD Pharma is a global leader in the manufacture of high-quality glass primary packaging.

Founded in Mers-les-Bains, France in 1896, SGD Pharma has remained at the forefront of glass manufacturing technology and innovation, with a strong focus on meeting customer needs through a growing portfolio of glass products for a range of applications, across industries around the world.



Quality has always been a core value at SGD Pharma. With five ISO 15378 certified manufacturing sites located in Europe and Asia, including two sites that are newly constructed using only the latest technologies and environmental standards,

SGD Pharma produces glass products of the highest quality in volumes meeting the needs of even large multinationals and fast growing companies.

SGD Pharma offers an industry-leading range of sizes and finishes in Type I, II, or III, amber and clear glass, as well as innovative added-value services like internal siliconization or protective plastic coatings.

With an established global footprint, high quality manufacturing sites, and a focus on leading-edge innovation, SGD Pharma is recognized worldwide as a leader that customers can rely on to support new product development, reliable on-time supply, along with best-in-class quality, regulatory and customer service support.

## SGD PHARMA KEY FIGURES

8 MILLION  
VIALS AND BOTTLES PER DAY

2 BILLION  
VIALS PER YEAR

9 SALES OFFICES  
AROUND THE WORLD

OVER 3000  
EMPLOYEES



# GLOBAL FOOTPRINT

USE THE KNOWLEDGE AND STRENGTH OF OUR WORLDWIDE NETWORK OF 90 PARTNERS AND DISTRIBUTORS TO YOUR ADVANTAGE GLOBALLY.



## SUCY EN BRIE

Located south-east of Paris, France, SGD Pharma's Sucy-en-Brie production plant specializes in molded glass, primarily for oral applications (syrups, droppers, tablets & aerosols).

- ISO 15378 & 50001 certified plant
- 41 000 m<sup>2</sup> factory
- 3 000 m<sup>2</sup> ISO 8 clean room
- 3 million glass vials per day
- Type II & III flint and amber glass
- 2 glass furnaces



# WHY USE GLASS PACKAGING FOR THERAPEUTIC PRODUCTS?

AMBER GLASS: THE PREFERRED  
PACKAGING SOLUTION FOR LIGHT  
SENSITIVE PRODUCTS

## PRODUCT PROTECTION

- Glass material provides unrivaled barrier properties
- Optimal oxygen and light barrier
- Maintains product stability and shelf life

## USER SAFETY

- Natural glass properties
- Extremely low level of extractables compared to other materials and impermeable
- Long-established safe packaging material

## PREMIUM PERCEPTION

- Soft premium tactile qualities of glass
- Wide range of custom branding and decoration options available

## SIMPLE SUSTAINABILITY

- Infinitely recyclable
- Natural composition - 3 simple source materials: sand, limestone & soda ash
- Economical packaging option throughout the supply chain

# OUR OFFERING

SGD Pharma offers a high-quality range of clear and amber bottles and dropper assemblies ideally suited for oil-based product formulations. They feature pharmaceutical grade glass with precise and accurate dropper dosage resulting in virtually no product waste. This convenient and functional combination can also include the following features:

- Child resistant packaging systems certified ISO 8317 & US CFR 16 1700.20
- Senior friendly
- Product integrity features with Tamper Evidence (TE)

## COMPLETE PACKAGING SOLUTION & SERVICES



Better lead times



Consistency & reliability



Mastered supply chain



Increased efficiency & convenience



More flexibility



Ready-to-fill product



Time saving & peace of mind



Cost saving



Reduced administrative work



Minimize environmental impact







## TRUST IN PHARMA QUALITY

Our entire glass dropper bottle solution is produced in a pharmaceutical environment that complies with Good Manufacturing Practice (GMP) specification (ISO 15378), giving you peace of mind that your product is 100% compliant with necessary regulations.

## PHARMA-GRADE GLASS

We offer a complete regulatory package that includes:

- Compliance with United States Pharmacopeia Chapter (USP <660>) and the European Pharmacopeia (EP chapter 3.2.1)
- Compliance with heavy metals and food contact regulations

Each product is subject to rigorous risk analysis. Adequate protocols are designed to ensure integrity, pipette length and shelf life.

# FEATURES AND OPTIONS

With a wide range of dropper bottles and dropper combinations, in either clear or amber glass, SGD Pharma can provide complete packaging solutions for CBD liquid/oil products, all from one company.

## Dropper Bottles

- 10ml, 15ml\*, 30ml (other bottle options available including 20ml, 50ml, and 100ml)
- Amber or clear glass



## Teats / bulbs:

- Small (0.7ml) or Large (1.0ml) volumes
- TPE material for 1.0ml teat / bulb with Child Resistant Closure (CRC) option only
- Natural rubber or nitrile for 0.7ml
- Other colors available upon request

## Caps:

- Polypropylene (PP) or High-Density Polyethylene (HDPE) materials
- Tamper Evident options
- Child Resistant Closure (CRC) options

## Pipettes:

- Type III glass of various lengths (57 to 77mm)
- Various tip shapes available (tapered or bent ball tips)
- Graduated or ungraduated

\*MOQ available upon request

# OUR OFFER

10ml



Dropper Reference



52490    10.0    14.0    26.0    DIN 18    58.0    25.4

## CHOOSE YOUR PERFECT ACCESSORIES

| Reference    | Closure options | Pipette shape     | Pipette length (mm) | Teat/bulb material | Teat/bulb dosing  | Pipette Graduation | MOQ    | PACKAGING INFORMATION |                  |                    |     |       |             |        |       |   |    |
|--------------|-----------------|-------------------|---------------------|--------------------|-------------------|--------------------|--------|-----------------------|------------------|--------------------|-----|-------|-------------|--------|-------|---|----|
|              |                 |                   |                     |                    |                   |                    |        | Pcs per box           | Carton per layer | Cartons per pallet |     |       |             |        |       |   |    |
| 97057 10 101 | CRC + TE ○      | Bent ball tip<br> | 57                  | TPE                | 1.0ml             | Printed            | 30 000 | 2 500                 | 4                | 20                 |     |       |             |        |       |   |    |
| 97057 10 001 |                 |                   |                     |                    |                   | Not printed        |        |                       |                  |                    |     |       |             |        |       |   |    |
| 97057 10 111 | Printed         |                   |                     |                    |                   |                    |        |                       |                  |                    |     |       |             |        |       |   |    |
| 97057 10 011 | Not printed     |                   |                     |                    |                   |                    |        |                       |                  |                    |     |       |             |        |       |   |    |
| 97057 07 111 | CRC + TE ●      |                   |                     |                    | Bent ball tip<br> | 57                 |        |                       |                  |                    | TPE | 0.7ml | Printed     | 30 000 | 2 500 | 4 | 20 |
| 97057 07 011 |                 |                   |                     |                    |                   |                    |        |                       |                  |                    |     |       | Not printed |        |       |   |    |
| 97057 07 101 |                 |                   |                     |                    |                   |                    |        |                       |                  |                    |     |       | Printed     |        |       |   |    |
| 97057 07 001 |                 |                   |                     |                    |                   |                    |        |                       |                  |                    |     |       | Not printed |        |       |   |    |
| 97057 07 001 | CRC + TE ○      | Bent ball tip<br> | 57                  | TPE                |                   |                    | 0.7ml  | Printed               | 30 000           | 2 500              |     | 4     | 20          |        |       |   |    |
| 97057 07 001 | Not printed     |                   |                     |                    |                   |                    |        |                       |                  |                    |     |       |             |        |       |   |    |
| 97057 07 001 | Printed         |                   |                     |                    |                   |                    |        |                       |                  |                    |     |       |             |        |       |   |    |
| 97057 07 001 | Not printed     |                   |                     |                    |                   |                    |        |                       |                  |                    |     |       |             |        |       |   |    |

● Stands for black color    ○ Stands for white color

CRC = Child Resistant Closure

TE = Tamper Evident

TPE = thermoplastic elastomer





# OUR OFFER

## 15ml



| Dropper Reference | 15ml | 18.0 | 27.0 | DIN 18 | 67.5 | 25.8 |
|-------------------|------|------|------|--------|------|------|
|                   |      |      |      |        |      |      |

### CHOOSE YOUR PERFECT ACCESSORIES

| Reference    | Closure options | Pipette shape     | Pipette length (mm) | Teat/bulb material | Teat/bulb dosing | Pipette Graduation | MOQ           | PACKAGING INFORMATION |                  |                    |
|--------------|-----------------|-------------------|---------------------|--------------------|------------------|--------------------|---------------|-----------------------|------------------|--------------------|
|              |                 |                   |                     |                    |                  |                    |               | Pcs per box           | Carton per layer | Cartons per pallet |
| 97067 10 101 | CRC + TE ○      | Bent ball tip<br> | 67                  | TPE                | 1.0ml            | Printed            | Under request | 2 000                 | 4                | 20                 |
| 97067 10 001 |                 |                   |                     |                    |                  | Not printed        |               |                       |                  |                    |
| 97067 10 111 | Printed         |                   |                     |                    |                  |                    |               |                       |                  |                    |
| 97067 10 011 | Not printed     |                   |                     |                    |                  |                    |               |                       |                  |                    |
| 97067 07 111 | CRC + TE ●      |                   |                     |                    | 0.7ml            | Printed            |               |                       |                  |                    |
| 97067 07 011 |                 |                   |                     |                    |                  | Not printed        |               |                       |                  |                    |
| 97067 07 101 |                 |                   |                     |                    |                  | Printed            |               |                       |                  |                    |
| 97067 07 001 |                 |                   |                     |                    |                  | Not printed        |               |                       |                  |                    |

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# OUR OFFER

## 30ml



| Dropper Reference | ml   | ml   | g    | DIN 18 | mm   | mm   |
|-------------------|------|------|------|--------|------|------|
| 02543             | 30.0 | 35.5 | 44.0 | DIN 18 | 81.1 | 32.4 |

### CHOOSE YOUR PERFECT ACCESSORIES

| Reference    | Closure options | Pipette shape  | Pipette length (mm) | Teat/bulb material | Teat/bulb dosing   | Pipette Graduation | MOQ    | PACKAGING INFORMATION |                  |                    |       |             |        |      |   |    |
|--------------|-----------------|--|---------------------|--------------------|--|--------------------|--------|-----------------------|------------------|--------------------|-------|-------------|--------|------|---|----|
|              |                 |  |                     |                    |  |                    |        | Pcs per box           | Carton per layer | Cartons per pallet |       |             |        |      |   |    |
| 97077 10 101 | CRC + TE ○      | Bent ball tip<br> | 77                  | TPE                | 1.0ml  | Printed            | 30 000 | 2 000                 | 4                | 20                 |       |             |        |      |   |    |
| 97077 10 001 |                 |  |                     |                    |  | Not printed        |        |                       |                  |                    |       |             |        |      |   |    |
| 97077 10 111 | Printed         |  |                     |                    |  |                    |        |                       |                  |                    |       |             |        |      |   |    |
| 97077 10 011 | Not printed     |  |                     |                    |  |                    |        |                       |                  |                    |       |             |        |      |   |    |
| 97077 07 111 | CRC + TE ●      |  |                     |                    | Bent ball tip<br> | 77                 |        | TPE                   |                  |                    | 0.7ml | Printed     | 30 000 | 2500 | 4 | 20 |
| 97077 07 011 |                 |  |                     |                    |  |                    |        |                       |                  |                    |       | Not printed |        |      |   |    |
| 97077 07 101 |                 |  |                     |                    |  |                    |        |                       |                  |                    |       | Printed     |        |      |   |    |
| 97077 07 001 |                 |  |                     |                    |  |                    |        |                       |                  |                    |       | Not printed |        |      |   |    |

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CRC = Child Resistant Closure

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# CHILD RESISTANT CLOSURES

With any health or pharmaceutical product, child safety is a key consideration in packaging selection. According to the World Health Organization acute poisoning is a significant issue, contributing to unintentional death of thousands of children worldwide, with the highest numbers of incidents involving children under 3 years old.

SGD Pharma provides CRC options for its range of dropper bottles, minimizing the risk of accidental exposure.



# BRANDING AND CUSTOMIZATION OPTIONS

Distinctive packaging can give your product shelf appeal, making it stand out in a competitive market to push sales to new heights.

SGD Pharma offers a range of customizable plastic coating and decoration options for its high quality dropper bottle range that can further enhance the visual and tactile desirability of your product.

## Our decoration possibilities

Plastic coatings can be applied in a number of finished products to provide the desired branding and visual appeal. With an endless number of color and finish options available, SGD Pharma's glass products can be made to embody

any brand requirement.

Plastic coatings also provide additional product protection against light, shatter resistance and physical property benefits. SGD Pharma's plastic coatings are composed of 60% PVC, applied at elevated temperatures and annealed at 400°C.

The plastic coatings can be completed with screen printing or serigraphy using 1-3 colors of UV ink, adding decoration, branding, directions for use and legal information. Plastic-coated bottles can also have a label or shrink-wrapped printed sleeve.





### Plastic Coating Finishes

- Frosted
- Transparent
- Opaque
- Glossy
- Mat

### Color Options

Limitless

### Plastic Coating Benefits

#### VISUAL BENEFITS

- Improve the patient experience
- Unique branded look
  - Boost visual appeal
  - Product differentiation
  - Enhance premium look and feel
  - Improve tactile experience
  - Add softer touch

#### PRODUCT BENEFITS

- Improve patient safety
- Additional product protection against light transmission
  - Opacity enhances product properties
  - Finishes may enhance user's grip
  - Protection from mechanical shock and packaging robustness
  - Compliance with EU directive 75/324/CEE

SGD Pharma offers a complete line of high-quality dropper bottle packaging systems with the integrated ability to create distinctive designs and labelling that can set your CBD product apart from all the rest.



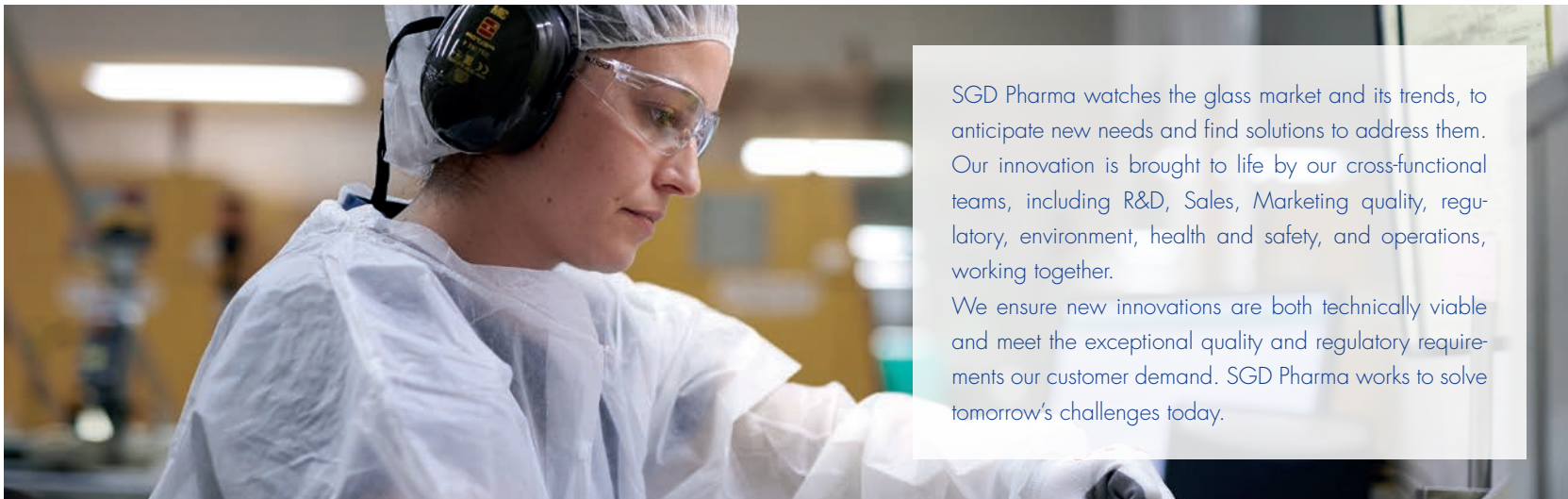
A world map showing global distribution, with a legend on the left listing names: Quentin Ritter, Marjorie Guller, Lyvia Delacruz, and David Wierzbicki.

# INNOVATION & SUSTAINABILITY

## Our Innovation approach

One of the keys to SGD Pharma's leadership position in the glass industry has always been its drive to continually innovate. Working closely with customers and researching the latest technologies, SGD Pharma seeks specific challenges to address through the research or application of new technology solutions. In essence, SGD Pharma connects products, processes and services to provide a unique and integrated packaging solution to meet ever-changing customer needs. SGD Pharma works closely with customers to solve their packaging challenges. We also focus on developing new innovations for the overall glass market.



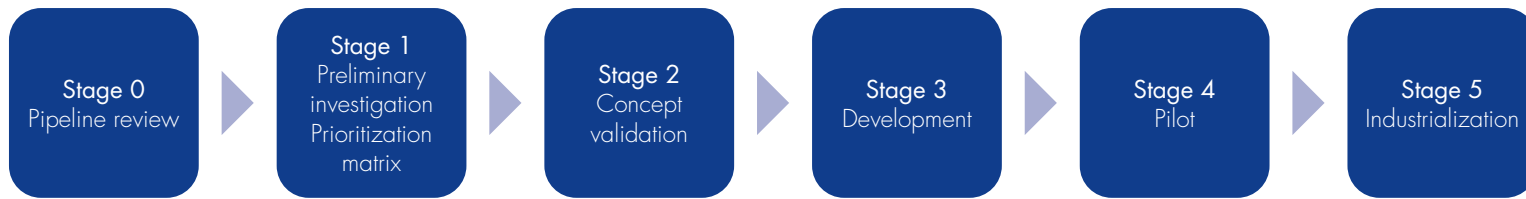


SGD Pharma watches the glass market and its trends, to anticipate new needs and find solutions to address them. Our innovation is brought to life by our cross-functional teams, including R&D, Sales, Marketing quality, regulatory, environment, health and safety, and operations, working together.

We ensure new innovations are both technically viable and meet the exceptional quality and regulatory requirements our customer demand. SGD Pharma works to solve tomorrow's challenges today.

## A CLEAR PROCESS

All sources of inputs





## Sustainability

SGD Pharma strongly believes in the importance of implementing a sustainability strategy, that contributes to customer satisfaction and supports sustained development, with a focus on three main areas:

- **PEOPLE** – Health & Safety, Career Management & Training, Social dialogue – Have the best trained, safety-conscious and healthy people, in a safe and productive work environment, focused on open social dialogue.
- **BUSINESS VALUES** – Quality of Services and competitiveness, global business ethics policy, sustainable procurement – We seek to deliver the highest level of service to our customers, making us competitive while meeting our global ethics expectations internally, through our sourcing and supply practices.
- **ENVIRONMENT** – Energy consumption, eco-design, re-use and water, environmental monitoring and controls – SGD Pharma actively minimizes its impact on the environment through energy reduction strategies, eco-design of products and facilities, recycling of glass and inputs as well as using effective environmental controls and testing.

With continuous improvement in each of the three focus areas on page 16, SGD Pharma strives to maintain its position as a leader in the glass industry for years to come. These are values that we ask our people to embrace and live every day and extend these expectations through our supply chain.

Our goal is to remain a competitive leader with a workforce of highly trained people, utilizing the best technologies and environmental practices, delivering the highest quality glass products and meeting the regulatory and quality expectations of our valued customers around the globe.

**For over 100 years, SGD Pharma has demonstrated its commitment to sustainability.**



*Ecovadis Silver Medal for the Group, its site in Zhanjiang and its subsidiary Embelia.*

*We are ranked among the top 10% of all companies assessed in the glass industry (2019)*



*Score C for climate change and score B for supplier engagement which is the average score for our industry*



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