

HÄNSELER



SWISS PHARMA
SEMI SOLID SOLUTIONS



Pharmaceutical raw materials and contract manufacturing from Hänseler Swiss Pharma

SEMI-SOLID SOLUTIONS

BY HÄNSELER SWISS PHARMA

**GMP is in our DNA –
we take your products from idea to market success.**



We support our partners with enthusiasm and Swiss quality throughout the entire value creation process, offering you tailor made solutions for your market success. Starting with product development and continuing through sourcing, manufacturing and packaging through to successful market development, we offer fluid processes for solid confidence in the pharmaceutical environment.


- **Ointments**
- **Creams**
- **Emulsions**
- **Pastes**
- **Gels**

DEVELOPMENT

YOUR SPECIALISTS FOR RAW MATERIALS
PROCESSING AND REFINEMENT

We will be happy to support you in the development of...

- ointment basic components / creams / lotions / gels / pastes / suspensions
- formulas for pharmaceuticals, cosmetics or dietary supplements and selection of suitable packaging
- and setting up appropriate validation methods and analytical tests
- extraction methods for plant-based starting materials



Refining raw materials
into Active Pharmaceutical
Ingredients (APIs), including
associated documentation,
is one of our core
competencies.



SOURCING OF RAW MATERIALS

OUR EXPERTISE, YOUR SUCCESS



- Sourcing of starting materials for **manufacturing semi-solid products**
- Supply of **ointments and pastes** in different **customer-specific qualities**
- **In-depth understanding of raw materials** for different customer requirements in healthcare and cosmetics
- We also specialise in raw materials subject to high **safety requirements / hazardous substances**

Our wide range of pharmaceutical raw materials, which we either supply as commercial products or produce ourselves, comprises more than 3,000 different products. These include raw materials for manufacturing semi-solid forms such as:

- **Essential oils**
- **Resins**
- **Oils and fats**
- **Basic components of creams**
- **Extracts and tinctures**
- **Basic emulsions**
- **Fatty oil**
- **Oleochemicals**
- **Extracts and tinctures**

Minimum purchase volumes vary by raw material. We will be happy to advise you in person and provide an overview of the available semi-solid raw materials.

« **Sourcing raw materials to customer-specific requirements is one of Hänseler Swiss Pharma's core competencies. We can also bring our profound understanding of customers and raw materials to products with high safety requirements. Since Hänseler Swiss Pharma has access to exclusive trade channels, we are able to procure hard-to-obtain raw materials for our discerning customers.** »

Dr. Dominik Hauser, Managing Director CEO

MANUFACTURING

OUR EXPERTISE, YOUR SUCCESS



- **GMP-compliant manufacturing** of ointments, creams, emulsions, pastes and gels
- **Strong manufacturing competencies** in different batch sizes (20 to 750 litres)
- **Provision of full documentation**
- **Hazardous substances processing**
- **Strong technological expertise**

We manufacture **ointments, creams, emulsions, pastes and gels** (incl. basic components) via our systems. This includes semi-finished products as well as finished products and pharmaceuticals. The expertise we have acquired over many years has equipped us to respond **quickly and flexibly to customer needs**. Depending on order volume, manufacturing takes place using **automated or semi-automated systems**. Hänseler Swiss Pharma has strong manufacturing skills for both **large- and small-volume orders**.



Essential oil-based ointments



Toothpastes



Extract-containing ointments



Technical (semi) fats



Cosmetic creams



Finished pharmaceuticals

HM 675 HOMOGENISER VAKUMIX



Technical specification

Total capacity	1,095 litres
Max. usable capacity	675 litres
Min. usable capacity	120 litres
Max. product pressure	-1/+2 bar
Max. product temperature	132.8 °C

Additional features

- Propeller agitator with ATEX spur gear motor
- Continuous stirred-tank reactor with heating jacket, agitator housing with sightglass light, vacuum connection, pressure gauge, vacuum valve, ventilation valve and nozzles
- Anchor agitator with scraper system
- Baffle with Pt100
- Homogeniser
- Bypass line
- Suction inlet for powder
- Temperature-regulated heating and cooling
- Pressure and vacuum regulation
- CIP system

Manufactured by Hänseler Swiss Pharma



Kelosoft®
Scar treatment cream



Tattoo Creme
Care for tattooed skin



Witch hazel cream
Cream for cuts and scratches

PACKAGING

OUR EXPERTISE, YOUR SUCCESS



- **GMP-compliant filling** of all widely used semi-solid products in jars and tubes
- **Custom secondary packaging** (folding cartons, patient information, outer cartons)
- **Customer-specific packaging solutions in different container types and sizes**
- **Single dose filling**

Our systems can fill **aluminium, plastic or composite** tubes with ointments, creams, emulsions, pastes and gels.

Filling volumes range from sample tubes to bulk packs. Primary and secondary packaging can be prepared to meet customers' individual needs.

Packaging solutions

Primary packaging



Secondary packaging



OPTIMA 800 TUBE-FILLING SYSTEM AXOMATIC



Technical specification

Output	up to 3,600 items per hour
Dosing range	3 to 250 ml
Metal tube diameters	13.5 to 42 mm
Plastic tube diameters	13.5 to 50 mm
Overall tube length	70 to 250 mm including cap
Cartoning	Uhlmann C100 (optional)

«Our Semi-Solid Solutions range satisfies customers' most discerning requirements.»

DOCUMENTATION

OUR EXPERTISE, YOUR SUCCESS

Regulatory and customer requirements are increasing the significance of documentation. We regard documentation both as a quality certificate for our products and as a service to our customers. We therefore provide a range of documentation packages.

Documentation packages for active pharmaceutical ingredients

ASMF (Active Substance Master File) package

CTD Module 3 – Part 3.2 S

Technical package

Documentation for CTD Module 3 – Part 3.2 S:

- General information such as nomenclature and structure
- Flow chart preparation
- Stability data
- Sterility testing
- Documentation for starting substances (SDS, other technical documents)

Phyto package

Statement for CTD Module 3 – Part 3.2 S:

- Analytical certificate with full supply chain
- Harvest protocol
- Certificate of origin
- Documentation for starting substances (SDS, other technical documents)
- Testing for pesticides, heavy metals and aflatoxins
- Pyrrolizidine alkaloids
- Microbiology
- Flow chart preparation
- Stability testing to customer specifications

Documentation packages for finished pharmaceuticals

CTD Module 3 – Part 3.2 P

Compiling the necessary documentation in accordance with customer instructions.

Documentation packages for cosmetic products

The package contains all the documents needed to create a PIF.

On request, we can also commission safety reports.

Documentation package for excipients

The package covers excipient requirements to ICH Q9.



Hänseler Swiss Pharma
Industriestrasse 35
9100 Herisau, Switzerland
T +41 71 353 58 58
www.haenseler.ch
info@haenseler.ch

Hänseler Pharma GmbH
Fischerstraße 11
DE-67655 Kaiserslautern
T +49 631 6277 9955
www.haenseler-pharma.de
info@haenseler-pharma.de

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