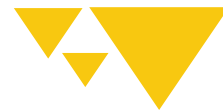


# MICROGLEN REMEDIES

A GMP, ISO & HALAL CERTIFIED UNIT

Pioneers in Introducing  
First time in india to  
Liquid Filled Two Piece Hard Shelled  
Vegetarian (Band Sealed)  
Capsules



## LIST OF MANUFACTURING UNITS PROJECTS RUN BY JSR GROUP

### Liquid Filled Two Piece Hard Shelled Capsule Unit

Pharmaceuticals (Allopathy Unit)

Herbal (Ayurvedic Units)

Cosmetics Plant

Soap Plant

Deo & Perfume Plant (Aerosol Plant)

Nutritional Food Supplement Plant

Organic Fertilizer

Importer - Exporter

Herbal Extract Manufacturer

Pharmacy colleges

BPO'S, Multi Level Marketing

Pharma Marketing Company

MICROGLEN REMEDIES is Part of JSR Group Founded In 2001.



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COMPLETE HERBAL NUTRITION GUIDE FOR HEALTHY AND HAPPY FAMILY

# FIRST TIME IN INDIA

to produce Liquid Filled Band Sealed Hard Shelled Capsules



## Advantages of Liquid Filled Band Sealed Hard Shelled Capsules

- ☞ Are suitable in hot climate thereby do not stick together.
- ☞ Less diffusion of odours.
- ☞ Less product migration in to the shell.
- ☞ Disintegrate faster due to thin capsule wall.



### What is Liquid in Hard (Flofit) Capsule ?

Flofit capsules enable the liquid filling of hard capsules followed by band sealing. Flofit capsules offer a cost effective alternative to soft capsules and eliminate many of the problems associated with the liquid filling of soft capsules. It has features in to filled liquid capsule in powder capsule technology, liquid filled capsule in powder capsule & tablet.

### What is Vegan Capsule ?

Vegetarian capsules are made up of cellulose, an important structural component in plants. To be more specific, the main ingredient of vegetarian capsules is hydroxypropyl methyl cellulose (HPMC)

### What is the difference between Liquid in Hard (Flofit) capsule & Softgel Capsule ?

Flofit capsules enable filling liquid in hard (HPMC) capsules followed by band sealing. Flofit capsules are 100% vegetarian and softgel capsule are 100% non-vegetarian and eliminate many of the problems associated with the liquid filling of softgel capsules.

#### Liquid in Hard (Flofit) Capsule Benefits

- \* They contain no plasticizers that can lead to the migration of the drug into the capsule shell.
- \* They offer enhanced bioavailability and improved product stability.
- \* Low moisture intake makes them suitable for moisture-sensitive drugs.
- \* Their low permeability effectively masks taste and odor, improving patient compliance.
- \* They are available in a range of colors and bands to give a distinct identity to your brand.
- \* Band sealing prevents leakages and makes the capsules tamper proof.

# Why Liquid Fill

Liquid-filled hard capsules offer a gamut of advantages to both manufacturers and consumers of nutraceuticals. They're here to stay.

## Consumer preference

Consumers prefer liquid-filled capsules as they are easier to swallow. They are also believed to work faster, better and are visually attractive. For nutra & herbal companies looking to create a differentiated product, an important trend is the growth and diversity of new dosage forms that enjoy consumer preference.

## Improved bioavailability

Compounds with poor solubility may suffer from poor bioavailability. Liquid-filled capsules are ideal for compounds with poor solubility and can significantly improve bioavailability of such compounds. These capsules also allow for multiple combinations of release profiles within a single hard capsule.

## Commercial benefits

Innovative formulations combining two or more compounds afford an excellent lifecycle management strategy to revitalise product pipelines, enabling distinct brand visibility. Combining existing compounds is less expensive, hastens speed to market, and is less risky to develop.

### CUSTOM CONCEPTS

## Liquid fill combinations in hard capsules offer endless possibilities

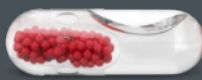
A signature Microglen Remedies concept that allows you to leverage the versatility of capsules to incorporate two non-compatible formulations in a single capsule, phase out the release, reduce the number of pills to be taken and add to consumer convenience and compliance.



Liquid in capsules



Pellet in liquid-filled capsules



Pellet in capsule in liquid-filled capsules



Capsule in liquid-filled capsules



Tablet in liquid-filled capsules

# It's About Time.

We build unique 'concept-to-consumer' solutions for nutraceutical brands.

## Off-the-shelf formulations

We work with a wide variety of research-backed ingredients to formulate ready-to-order nutraceutical & herbal products, designed with care to deliver desired nutritional and functional benefits.

