

KULIYAL PODI

**HERBAL BATH POWDER**



# INTRODUCTION

- ✓ Soap is one of the most commonly and widely used product everywhere in the world.
- ✓ Soaps used to be homemade and was a product created in the kitchen of a homemaker for household and hygienic use. It used to be made using natural fats such as animal fat or vegetable oil, lye, alkaline salts and aromatic flowers or oils.
- ✓ After the soap making became trade or industry, the ingredients and methods to make soaps changed over time. The composition of soaps today has become much more complex.
- ✓ They have now become a complicated chemical construction. Soaps today consist of many different chemicals and additives



**Hence, we are glad to introduce our own Herbal Bath Powder, solution for personal care. The application of Herbal Bath Powder is truly excellent and healthy! The best alternative for soap. It is very easy to prepare at home, hygienic, economical and most importantly, it is harmless.**



## DEFINITION OF PROBLEM

Soaps have now technically become DETERGENTS since they consist of many chemicals and cleansing agents. Soaps including bath soaps and liquid soaps have been found to consist various types of chemicals that are both damaging to the human and environment. The major chemical contents that are harmful are listed as below:

- ✓ **Parabens**
- ✓ **PEGS (Polyethylene Glycol)**
- ✓ **SLS/SLES Sulphate**
- ✓ **Fragrance**
- ✓ **Antibiotic soaps**
- ✓ **Microbeads**



# EFFECTS TO THE ENVIRONMENT

Soaps were initially considered equally harmless to both human and the environment due to the use of the simple and natural ingredients. The change in both the form, composition and methodology has since caused it to be very harmful to both the human health and environment.



Disposal of packaging and labelling material such as the bar soap cover, liquid soap container can also pose a problem in disposal and end up causing pollution.



Chemicals from soaps have also been found to alter the pH levels of water which can threaten the aquatic plant life and species.



Parabens are can kill coral.



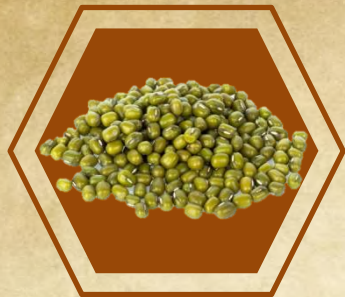
Detergent components are found to leach and seep into the groundwater and end up disturbing the river and the ecosystem of the freshwater.



Phosphate which is added to increase the cleaning action are non-biodegradable and eventually makes way into lake or waterway and has been found to cause many problems to lakes.



# INGREDIENTS



**Mung Bean/ *Vigna Radiata***  
exfoliate skin  
naturally to  
remove dead cells.  
**100 gram**



**Wild Turmeric/ *Curcuma Aromatica*** contains  
antioxidants and anti-  
inflammatory components  
**25 gram**



**Sandalwood powder/ *Santalum Album*** helps to  
soothe sun burn and has  
cooling effect.  
**15 gram**



**Bengal Gram**  
reducing pimples,  
natural body scrub and  
anti-aging properties  
**25 gram**



**White Turmeric/ *Curcuma Zedoary*** helps  
treat psoriasis and acne  
scarring  
**25 gram**



**Lemon Peel/ *Citrus***  
helps to cleanse our  
skin  
**5 gram**



**Dried Rose Petal/ *Rosa Gallica*** has helps to  
prevent dark circles and  
has a natural soothing  
aroma  
**5 gram**



# METHODOLOGY

Transfer each ingredient separately into a dry grinding jar and grind them into fine powder. We can just use the kitchen grinder at home.



Clean the turmeric thoroughly using water to remove dirt and sand. Place the ingredients on separate trays and dry them completely under hot sun. Leave them to cool



Remove the finely ground ingredients into a bowl and transfer them separately into a dry and air tight containers.



To prepare the Herbal Bath Powder final mixture, measure the given ingredients according to the weight and ratio given into a bigger container. Mix thoroughly and store it in an airtight container or air tight paper bag.



To use the Herbal Bath Powder, scoop the amount needed in to a small bowl and mix with water. The consistency should not be too thick or too watery.



You can now use the mixture on your whole body and face. Apply the mixture to your face and body. Leave for 2 – 5 mins for best results. Wash and rinse as usual.

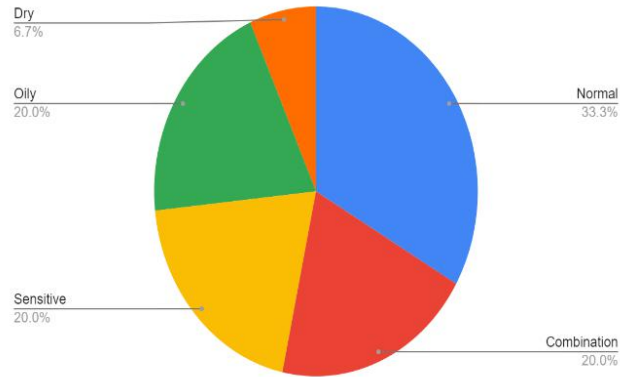


This herbal bath powder can be used as many times as necessary or at least twice a day for optimum result. It is fully herbal and does not cause skin irritations or affect the environment



# DATA ANALYSIS

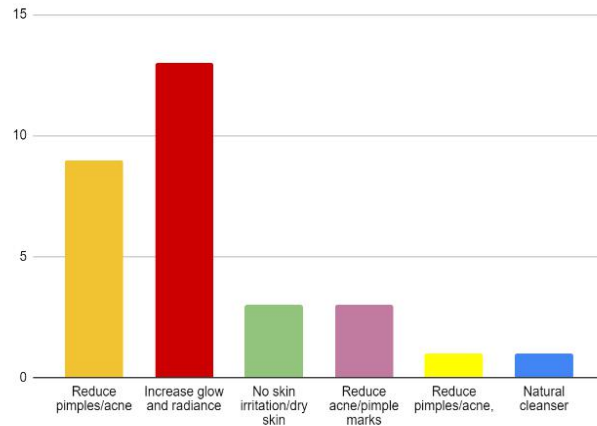
Skin Type of Respondents



**We prepared and distributed 20 samples of 200g Herbal Bath Powder. We collected their feedback.**

- ✿ **Based on our data analysis our respondents had different skin types including dry, normal, sensitive and oily skins.**
- ✿ **Majority of our users had oily skin. Most of our users said that it increased their skin glow and was refreshing to use.**
- ✿ **About half of the respondents said it helped reduce pimples, acne and other skin problems.**
- ✿ **60% of the respondents said it reduced the skin irritation and dryness.**
- ✿ **Most notably, 100% of our users said they did not experience any unwanted side effects and all gave a star rating of a minimum 4 and majority gave 5 stars.**

Significant Difference After Using The Herbal Bath Powder



# BENEFIT & CONCLUSION



Based on our usage and the data analysis, the Herbal Bath Powder is compatible with all skin types and complexions. It can be used by people from all age group. It is also economically affordable and can be made with very less or no cost at all. Since it is purely herbal, it was also not necessary to be tested on animals. It has also proven from the testimonials we get from those given samples, there was absolutely no side effect such as irritation or pimples. Ingredients in the herbal bath powder is also easily replaced, added or omitted based on availability.

It also gave new opportunities for venturing into new business and encourages more farming and cultivation of natural herbal species. It is also a long-lasting natural product without expiry date that is eco-friendly.

The Herbal Bath Powder or *Kuliyal Podi* is will never cause any side effects to human or the environment. This product is the best alternative for us to fulfill our needs without damaging the aquatic life and the nature. This balance is vital to achieve to sustain our environment and protect our mother earth.





THANK YOU

