

BODY CREAM DIY RECIPE AND FORMULATION GUIDE

Ingredients required to make a 10kgs batch:

#	Ingredient	% Dosage	QTY (10KG Batch)
1	Petroleum Jelly Base	30	3.0KG
2	Mineral Oil	20	2.0KG
3	Ceto stearyl Alcohol	5	0.5KG
4	Glycerine/MPG	5	0.5KG
5	Vitamin E Oil	1	0.1KG
6	Preservative (E.g. Sodium Benzoate)	0.1	0.01KG
7	Shea Butter	4	0.4KG
8	Fragrance/Perfume - As desired	0.5 - 1	(0.05KG - 0.1KG)
9	Distilled Water	35	3.5KG

Safety Precautions:

- Avoid contact of chemicals with direct skin or eyes.
- Do not prepare near open flames.
- Keep chemicals out of reach of children.
- Do not taste any chemicals.

STEP BY STEP GUIDE:

- Begin by sterilizing all your equipment, including containers, utensils, and surfaces, to maintain the body cream's quality and prevent contamination.
- In a heat-resistant container, combine the petroleum jelly, mineral oil, Ceto stearyl alcohol, emulsifying wax, and shea butter. Place the container in a double boiler or use a heat-resistant bowl placed in a pot of simmering water to melt the ingredients. Stir occasionally until they are fully melted and well combined.
- In a separate container, combine the distilled water and glycerine. Heat the water-glycerine mixture to around 70-75°C using a double boiler or microwave, ensuring it reaches a sufficient temperature to dissolve the preservative (sodium benzoate) later.
- Slowly pour the water-glycerine mixture into the melted oil phase while continuously stirring or whisking. Ensure both phases are at a similar temperature to facilitate emulsification.
- Continue stirring the mixture until it begins to emulsify and form a creamy consistency. This process may take several minutes.
- Remove the container from the heat source and allow the mixture to cool down to around 40-45°C. At this point, you can add the vitamin E oil, perfume (fragrance), sodium benzoate (preservative), and any other desired additives. Stir thoroughly to ensure proper distribution.
- Continue stirring as the body cream cools down further. Once it reaches room temperature, you can transfer it into sterilized containers, such as jars or pump bottles.
- Allow the body cream to cool and solidify completely before sealing the containers tightly. Label the containers with the date and cream type.

Please note that this recipe is a general guideline, and you may need to adjust the ingredients' ratios based on your specific requirements and desired consistency.

Contact us for all your inquiries on Ingredients & Raw materials:

Multikem Enterprises Ltd | +256755838813 | multikementerpriseslimited@gmail.com |
www.multikemltd.com