

# *Detergent Powder*

Department of Chemistry  
D.K. Government College for Women  
(A)



**24-11-2018**

**4.30 PM to 6.30 PM**

## **Preparation of Detergent Powder**



Dr.Ch.Masthanaiah ,Principal ,  
Sri.N.Sudhakar,Administrative Officer  
Dr.V.Gurucharana Das I/c Department of  
Chemistry ,Smt.D.Surendra and Students

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### Materials

1. Soda Ash
2. Tri Sodium Phosphate
3. Acid Slurry
4. Sodium Tri Poly Phosphate
5. Sodium meta silicate
6. Carboxy Methyl Cellulose
7. Glauber Salt
8. Perfume

### Detergent Powder Manufacturing Process

In blending method, at first ingredients like surfactant, builders, perfumes etc are filled into a large vat like machine called blender. A blender is of two types with varying capacity. The one is rectangular shaped tumbling blender and the other is cylindrical ribbon blender. The later has built-in blades to scrape and mix all the elements. When all the ingredients are mixed together, the mixture is allowed to come onto a conveyor belt through the doorway positioned at the bottom of the blender. Thereafter, the belt shifts the detergent to a rotary sealing machine where the product is finally packed and sealed. Now it's ready for distribution. Small packets are filled up into large cartons for wholesale.





### Photo Gallery

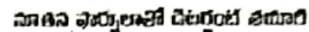


Principal Dr.Ch.Masthanaiah is observing the preparation of DETERGENT POWDER



Preparation of Detergent Powder.....  
Principal, Staff and Students

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*[Faint handwritten notes]*

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DATE	1-1-73
TO	MR. J. H. HARRIS
FROM	MR. J. H. HARRIS
SUBJECT	RE: J. H. HARRIS

[illegible]


### Acknowledgements-

The department of Chemistry expresses its sincere thanks to Dr.Ch.Masthanaiah, Principal D.K.Government College for Women(A), Nellore for his patronage.

### List of Students Participated...

S.No	Name of the student	Signature
1.	V.Supriya I BSc A.Z.C	V. Supriya
2.	B.Dharani	B. Dharani
3.	M.Padma	M. Padma
4.	J.Mamatha	J. Mamatha
5.	K.vennela	K. Vennela
6.	K.priyanka	K. Priyanka
7.	J.vani	J. Vani
8.	K.Anitha	K. Anitha
9.	D.Kavya	D. Kavya
10.	Ch.Blandin	Ch. Blandin
11.	T.Kaveri	T. Kaveri
12.	Ch.Sampurna	Ch. Sampurna
13.	E.Haritha	E. Haritha
14.	E.Harini	E. Harini
15.	G.Nikhitha	G. Nikhitha
16.	G.Ramya Tejaswini	G. Ramya Tejaswini
17.	A.Haveela	A. Haveela
18.	P.Hepsi evanglene	P. Hepsievanglene

Signature of  
I/C Dept.of Chemistry

  
Principal