

Can CHEMATIC® clean  
Nutraceutical Actives???

*We prefer water  
but it doesn't  
clean all actives*

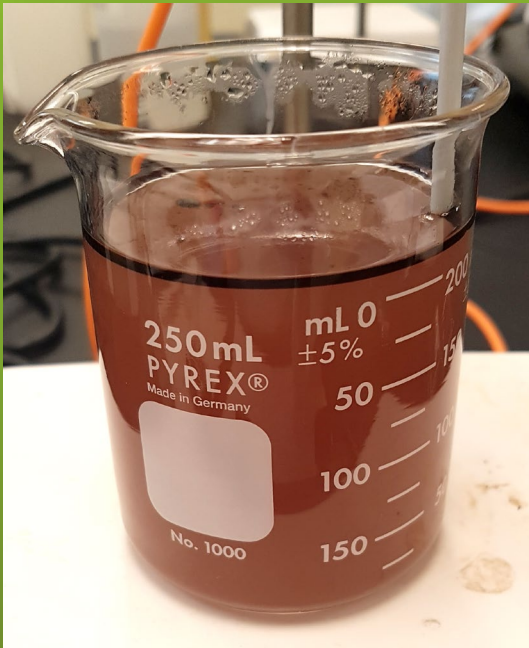
Do we have to  
scrub?

Which Products can be  
cleaned???

We need to  
improve  
productivity but  
are wasting a lot  
of time on  
cleaning



# NUTRA ACTIVES



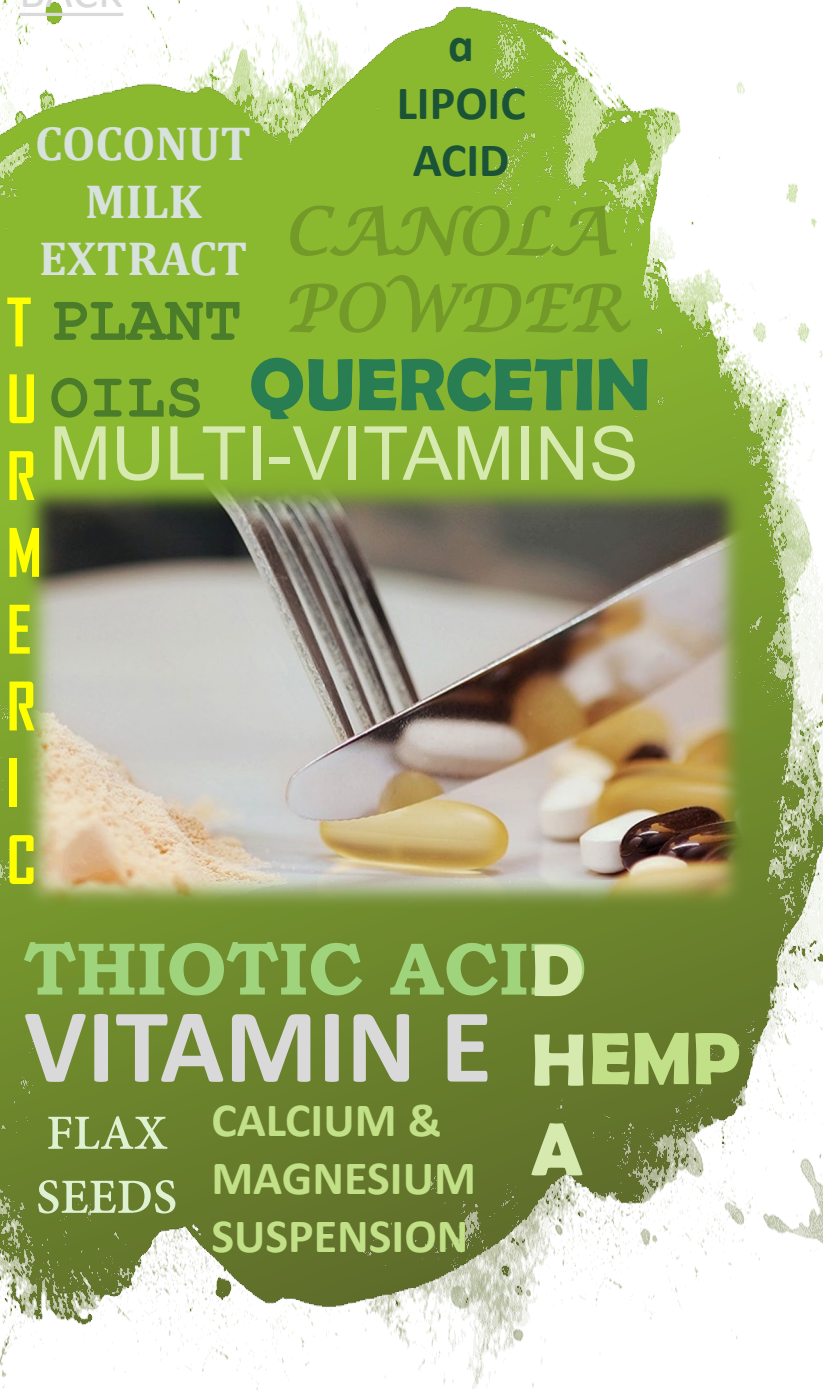
Water doesn't dissolve  
all plant based actives

*We prefer water  
but it doesn't  
clean all actives*

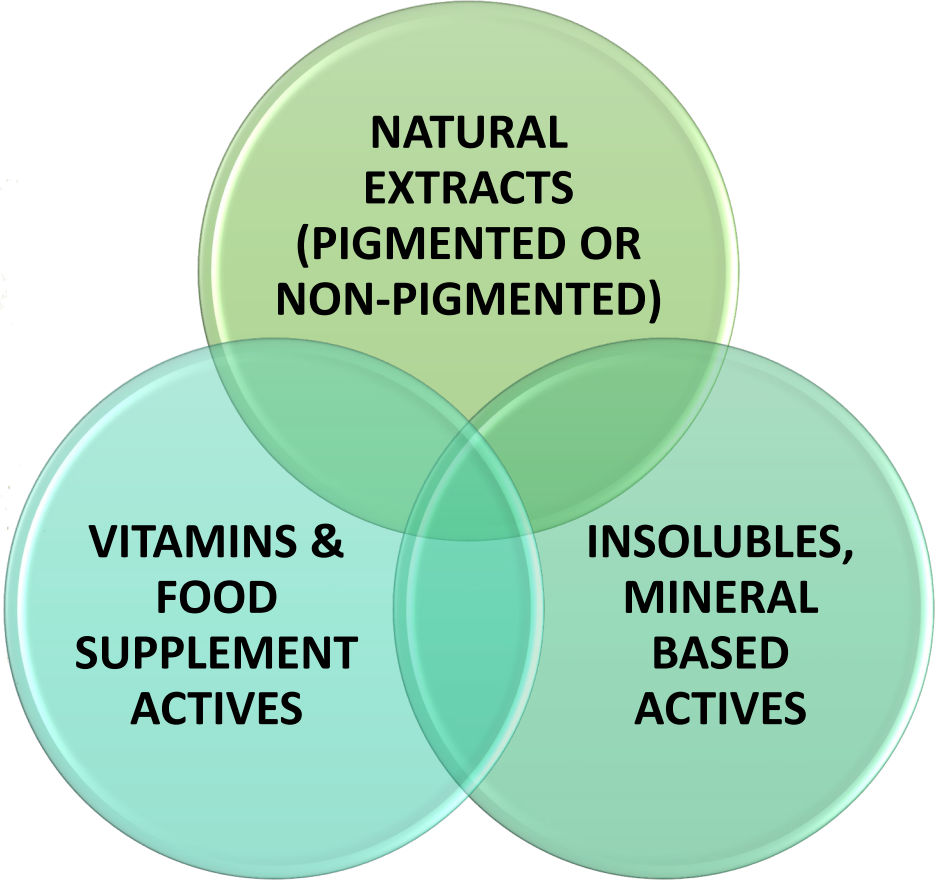
Water doesn't  
solubilize all  
natural extracts  
or actives in food  
supplements.

Hydrophobic  
actives or  
insoluble  
products need  
manual  
scrubbing to  
clean with water

Customized  
CHEMATIC®  
Chemistries  
allow  
automated or  
manual cleaning  
without  
scrubbing with  
water based  
safe detergents



Which Products  
can be  
cleaned???





Do we have to scrub?

Scrubbing = Long cleaning downtime

Actives disperse / emulsify in Chematic® -> cleans without scrubbing

CHEMATIC® cleans multiple surfaces

CHEMATIC® ensures haze and hidden residue removal

CHEMATIC® can be used on all equipment surfaces after compatibility testing





Production is the heart for every industry that generates revenue



Cleaning downtime is when production doesn't occur



Chematic® targets residues for efficient cleaning



**Faster cleaning =  
↓downtime = ↑higher  
productivity = ↑Profit**

*We need to improve productivity but are wasting a lot of time on cleaning*

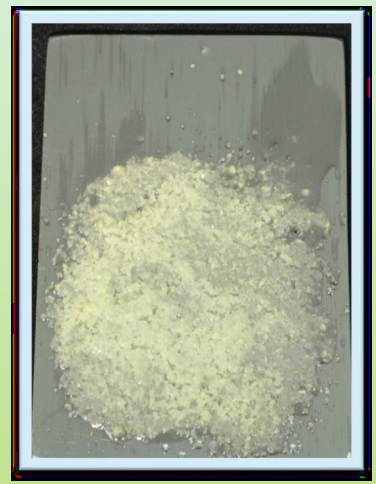
**Can CHEMATIC®  
clean  
Nutraceutical  
Actives???**

**Yes!**



**Based on the type of Actives and the  
formulation, Several Chematic® grades  
can be used**

Safe	Eliminates re-cleaning	Reduces contamination risk	Reduces cleaning time
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**Alpha  
Lipoic Acid**

