



**FORMULATED
DETERGENTS**

FOR PERSONAL CARE PRODUCTION EQUIPMENT

OPTIMAL EQUIPMENT EFFICIENCY IS EVERYTHING

Whether you're a biotechnology processing blood with equipment that demands gentle process conditions with an absolute need for product purity, a pharmaceutical company producing critical drugs or a cosmetic manufacturer trying to fill demand, the health of your equipment is everything.

When you're operating at full capacity and uptime is essential, nothing can be left to chance, not even cleaning. A robust, bespoke cleaning process can minimize equipment down time, lower labor costs, stave off equipment damage and premature wear and tear maintain turnaround time, and ensure regulatory compliance.



HOW DO YOU CLEAN?

Understanding a residue's impact on your equipment and your cleaning approach, whether it be manual or automated, are all important variables in achieving an effective clean of your essential equipment. Temperature, positioning of cleaning gear, proper flow/concentration, time, and limits of utilities are all part of the equation.

Cleaning product residue itself presents challenges. Residue and haze left behind from detergents not optimized for your individual products and equipment can require an additional cleaning of the cleaning process. This residue even poses the risk of damage to equipment and product contamination.

WE OFFER SCIENCE WITH CLEANING

Dober is the gold standard in delivering commercial cleaning solutions. Founded on a strong commitment to lasting relationships, we pride ourselves on responsive solutions to solve our customers' day-to-day challenges. We use our decades of applied research and development to produce value-adding solutions for our customers. We don't just make cleaning products.

Our formulated detergents are part of a proper applied cleaning methodology. Our methodology ensures that our clients are able to meet their market demands by improving throughput and turnaround time with efficient cleaning that is specific to their products, their equipment and regulatory environment.



DOBER DIFFERENCE

Safety, efficiency, and reliability are just some of the words used to describe our cleaners.

We are known globally for providing a better clean for a wide range of residues, from coatings and granulations, to biotech, API's, cosmetics and more. Our cleaners and process meet global regulatory requirements and conform to cGMP guidelines ensuring they are of the highest quality for use in pharmaceutical/biotechnology, and personal care/cosmetic industries.

We roll up our sleeves and work alongside our customers to provide cleaning process recommendations backed by scientific research and testing. We develop cleaning solutions for your exact cleaning needs. Whether its on-site trials to help with scaling up from the laboratory trials to full scale plant trials, we're your partner.



“WE DELIVER SOLUTIONS TO OUR CUSTOMERS AS A RESULT OF CLOSE COLLABORATION & INTERACTION.”

APPLIED CLEANING METHODOLOGY

1. ITEMS PROVIDED

RESIDUE SAMPLE	SURFACE TO CLEAN	CLEANING METHOD	HOW RESIDE FORMS
----------------	------------------	-----------------	------------------

2. ANALYZE INBOUND DATA

3. HYPOTHESIZE CLEANING PLAN

4. PERFORM CLEANING TRIALS

5. OPTIMIZE CLEANING TRIALS

6. FORMULATE CLEANING RECOMMENDATIONS

TARGETED
GOAL



Our cleaning process recommendation and formulated detergents reduce operating costs.

PERSONAL CARE

Lorem ipsum dolor sit amet, ea mel elitr solet, sea no quodsi invenire eloquentiam. Sit in eius accumsan, noluisse atomorum id vel, ea mea quod postea veritus. Mel at utroque iracundia gloriatur, cu impedit phaedrum nam. Vis in antiopam intellegat moderatius. Ex vim equidem docendi, qui ut meis vivendo, an vel iudico putant reformidans. Eu qui putant singulis suavitate, ne qui possim aeterno.

Cu impedit phaedrum nam. Vis in antiopam intellegat moderatius. Ex vim equidem docendi, qui ut meis vivendo, an vel iudico putant reformidans. Eu qui putant singulis suavitate, ne qui possim aeterno.

SO WHERE DO WE BEGIN?

We like to carefully study your residue in custom designed cleaning simulations. This allows us to create a truly custom solution for your equipment and laboratory.

Cleaning of complex, difficult to clean residues takes targeted chemistry applied under the right conditions of Time, Action, Concentration and Temperature (T.A.C.T)



Use our Applied Cleaning Methodology Submission (ACM) form located at dober.com/ACM.

We'll take it from there and provide you with the perfect science supported cleaning solution, for every application.



For additional information contact Dober at:
630.410.7300
chematic@dober.com
www.dober.com