



FREQUENTLY ASKED QUESTIONS (FAQs)

Will the rolls be packed in poly bags like Multipurpose Light?

- Yes, Microfibre Light will come packed in individual poly bags, and Multipurpose Light and Industrial Plus will have x1 bag for all x6 rolls. Multipurpose Light and Industrial Plus rolls will have a small sticker/tab to ensure the roll doesn't unwind in the bucket.

Is the SUDS bucket compatible with my chemical?

- The SUDS bucket is made from polypropylene, a very stable plastic material used in all segments for storage of products and chemicals. Therefore there is no issue of the plastic degrading. Polypropylene is autoclavable and offers the potential for steam sterilization.
- As a general class of materials, polypropylene is recognized for the excellent resistance to harsh chemical environments. This property has resulted in the successful utilization of PP in applications such as chemical tanks and lab ware.
- Table 1 is a general guideline to resistance of polypropylene to various reagents. Performance is relative to the test method used and other variables found in practical applications such as temperature, applied loads, synergism of chemicals and molded-in stresses which need to be considered when evaluating product capability.

Table 1
GENERAL CHEMICAL RESISTANCE GUIDE FOR POLYPROPYLENE

<u>REAGENT*</u>	<u>70°F</u> <u>[21°C]</u>	<u>120°F</u> <u>[49°C]</u>	<u>REAGENT*</u>	<u>70°F</u> <u>[21°C]</u>	<u>120°F</u> <u>[49°C]</u>
Acetic Acid (Glacial)	S	S	Isooctane	S	S
Acetic Acid (5%)	S	S	Kerosene	S	NR
Acetone	S	S	Methyl Alcohol	S	S
Ammonium Hydroxide (concentrated)	S	NR	Mineral Oil, White	NR	NR
Ammonium Hydroxide (10%)	S	S	Nitric Acid (Concentrated)	NR	NR
Aniline	S	S	Nitric Acid (40%)	NR	NR
Benzene	S	NR	Nitric Acid (10%)	S	S
Carbon Tetrachloride	NR	NR	Oleic Acid	S	S
Chromic Acid (40%)	S	NR	Olive Oil	S	S
Citric Acid (1%)	S	S	Phenol Solution (5%)	S	S
Cottonseed Oil	S	S	Soap Solution (1%)	S	S
Detergent Solution	S	S	Sodium Carbonate Solution (20%)	S	S
Diethyl Ether	S	NR	Sodium Carbonate Solution (2%)	S	S
Dimethyl Formamide	S	S	Sodium Chloride Solution (10%)	S	S
Distilled Water	S	S	Sodium Hydroxide Solution (60%)	S	S
Ethyl Acetate	S	NR	Sodium Hydroxide Solution (10%)	S	S
Ethyl Alcohol (95%)	S	S	Sodium Hydroxide Solution (1%)	S	S
Ethyl Alcohol (50%)	S	S	Sodium Hypochlorite Solution (4 to 6%)	S	S
Ethylene Dichloride	S	NR	Sulfuric Acid (Concentrated)	NR	NR
2-Ethylhexyl Sebacate	**	**	Sulfuric Acid (30%)	S	S
Heptane	NR	NR	Sulfuric Acid (3%)	S	S
Hydrochloric Acid (Concentrated)	S	S	Toluene	NR	NR
Hydrochloric Acid (10%)	S	S	Transformer Oil	S	M
Hydrofluoric Acid (40%)	S	S	Turpentine	S	S
Hydrogen Peroxide Solution (28%)	S	S			
Hydrogen Peroxide Solution (3%)	S	S			

Key:
S = Satisfactory
M = Marginal
NR = Not Recommended
** = No Data Available

*Taken from ASTM D-543-87 Standard Reagents



- Below is a list of chemicals that we advise against using in the SUDS dispenser

Amyl chloride	Heptane	Styrene
Chlorosulfonic acid	Hydroiodic acid	Sulfuric acid (fuming)
Chlorobenzene	Iodine (wet)	Toluene
Decalin	Isooctane	Trichloroethylene
Dioctyl Phthalate	Methyl chloride	White Spirits
Ethylene chloride	Nitric acid (fuming)	
Fluorine	Nitric/sulfuric acid (50/50)	
Freon (12, 22)	Perchloroethylene	
Furfural	Phosgene (liquid)	

- Below Full list of chemical compatibility can be found here:

<http://www.ineos.com/Global/Olefins%20and%20Polymers%20USA/Products/Technical%20information/INEOS%20PP%20Chemical%20Resistance%20Guide.pdf>

Is the SUDS bucket Food Safe?

- The SUDS bucket is made from polypropylene, a very stable plastic material used in all segments for storage of products and chemicals. The polypropylene used for the SUDS bucket is covered under US FDA Food Contact Notification 864. As such, this polymer can be used in contact with all food types under Conditions of Use A-H, as described in 21 CFR 176.170, Tables 1 and 2. This polymer also complies with 21 CFR 177.1520(c), items 3.1(a) and 3.2(a).

How do you suggest cleaning the bucket?

- The bucket does not need to be washed after the roll is fully dispensed unless visibly dirty. The bucket is dishwasher safe if the facility exists. If dishwasher is not available, wash with detergent, rinse with clean water, and sanitize allowing to air dry before refilling.

Should the same chemical always be used in the bucket for all 6 rolls?

- We recommend using the same chemical in the bucket for all 6 rolls since chemicals can leave "odor" residue, as well as, residual chemical interaction concerns. Always consult your chemical's Safety Data Sheet (SDS) for its interaction behaviour with other chemicals.

Why are there 6 rolls and x1 bucket?

- We sell x6 rolls with x1 bucket as we believe this to be the optimum balance between re-usability and value for money, without risking any issues of bacteria growth in the bucket itself. Based upon external research, we would not recommend the plastic container last more than 2 months in a facility to reduce the risk of biofilm creation that can cause illness, more information can be found here...

i. <http://www.bode-science-center.com/science/study/article/expert-interview-on-biofilm-developing-gram-negative-pathogens.html>



How much chemical do I need to add to the roll?

• Please see the table below for quantities per product. Saturation depends on the quantity of liquid you want to leave on the surface. The best sanitizers in the market still need 30 seconds Dwell time (surface stays wet for 30 seconds after wiping), and some disinfectants can need up to 5 minutes. Always consult your Sanitizer/Disinfectant label for contact or dwell time requirements.

Industrial Plus	200%	300%	400%
MI required	525ml	800ml	1050ml
M2 cleaning	1.0 m2	1.5 m2	2.5 m2
Dwell Time	< 30 seconds	40 seconds	2 minutes

Multipurpose Light	200%	300%	400%
MI required	650	1000	1350
M2 cleaning	1m2	1m2	2.5m2
Dwell Time	20 seconds	40 seconds	3:30minutes

Microfibre Light	200%	300%	400%
MI required	1150ml	1700ml	2300ml
M2 cleaning	2m2	3m2	3m2
Dwell Time	1:30 minutes	2:30 minutes	3:30 minutes

How many days/hours will the saturated roll in the S.U.D.S. dispenser last?

• Once saturated, the life of the wipe is dependent upon your Chemical’s stability. Quat is a very stable sanitizer/disinfectant and has been tested to maintain its efficacy for 2 weeks. Chlorine is not a stable sanitizer/disinfectant and is not recommended for more than 12 hours. Please check with your Chemical’s label or their customer service for stability in a closed dispenser system that is not airtight for their recommended shelf life.

Do we have certificates to prove which chemicals work with which rolls?

• No, given the number of chemicals on the market and Chicopee not being able to control ingredient changes, we always recommend you check with the chemical manufacturer. The rolls have been tested and proven effective with common Quat and Chlorine chemistries used in the United States.

Can we add which Ecolab and Diversey chemicals work with each product? And which level of chemical we should add.

• We recommend not- given that we do not have control over any changes to their chemistries - Recommend you ask Ecolab and Diversey to test our wipes with them chemistries for compatibility.

Do we have comparative data vs Kimberly-Clark® Wettask®?

• Yes we have comparative data, it will be published around September 2015.





Is it possible to use different dispensers for different areas? How will people know what needs to be used where?

- Yes this is a great benefit of SUDS, you can tailor the wipe and the chemical to get the best solution to each need. We provide colour coded labels that you can attach to the top of the dispenser to easily identify each dispenser and adhere to a solid HACCP system.

