

BERKSHIRE WIPER CHEMICAL COMPATIBILITY CHART

(MOST COMMONLY USED CLEANROOM CHEMICALS)



CHEMICALS	COMPATIBLE BERKSHIRE PRODUCT GROUPS (SEE OVERLEAF)	NOTES (SEE ADDITIONAL INFO ON OVERLEAF)
Acetic Acid 1%	A,B,C,E,F,G,H,I,J,K,L,M	Do not use with Product Group D which contains nylon. Limit contact times with Product Groups E,F,G,H,I,J,K and L which contain cellulose.
Acetone Also including: Methyl Ethyl Ketone (MEK) Methyl Isobutyl Ketone (MIBK)	A,B,C,D,E,F,G,H,I,J,K,L,M	Limit contact time with Product Group M - polyurethane Note: Ultra-Seal® 3000 wipes are not compatible with acetone due to the wide seal.
Carbon Tetrachloride Also including other chlorinated organics such as: Chloroform Methylene Chloride Perchlorethylene Trichloroethane Trichloroethylene	A,B,C,E,F,G,H,I,J,K,L,M	Useful for removing oils and greases. Do not use with Product Group D which contains nylon.
Hexane Also including: Pentane Cyclohexane	A,B,C,D,E,F,G,H,I,J,K,L,M	Useful for removing oils and greases.
Hydrochloric Acid 1%	A,B,C,E,F,G,H,I,J,K,L,M	Do not use with Product Group D which contains nylon. Limit contact times with Product Groups E,F,G,H,I,J,K and L which contain cellulose.
Hydrogen peroxide 3 -6%	A,B,C,D,E,F,G,H,I,J,K,L,M	Useful for disinfecting surfaces
Isopropanol 1%-90% Also including: Methanol, Ethanol, Propanol and Butanol	A,B,C,D,E,F,G,H,I,J,K,L,M	Maximum concentration of butanol in water is 9%
Quaternary Ammonium Salt solutions 0.5%	A,B,C,D,E,F,G,H,I,J,K,L,M	Useful for disinfecting surfaces. May need follow on wipe down with 70% Isopropanol to remove salt residues.
Sodium Hydroxide 1% Also including: Potassium Hydroxide 1% Ammonium Hydroxide 1%	A,B,C,D,E,F,G,H,I,J,K,L,M	Product Groups C (polypropylene) and M (polyurethane) can have lengthy exposure times. Limit exposure times for all other product groups to lessen wiper degradation.
Sodium Hypochlorite 0.5%	A,B,C,D,E,F,G,H,I,J,K,L,M	Useful for disinfecting surfaces
Water	A,B,C,D,E,F,G,H,I,J,K,L,M	All wiper Product Groups are compatible with water.

BERKSHIRE PRODUCT GROUPS

BERKSHIRE PRODUCT GROUP	BERKSHIRE PRODUCT NAMES	BERKSHIRE PRODUCT COMPOSITION
A	CapSure® - all Choice® 700, 900, Edge and Supersorb MicroSeal® 1200, Supersorb and VP Polx® 1200 Pro-Wipe® SE Super Polx® 1200, 1200A, LWSE, SWSE, SW, 1500 Ultra-Seal® 3000 ValuSeal® 1500, HA, IONX and LP	100% knit polyester
B	MicroPolx® 1100	100% microfibre polyester
C	Pro-Wipe® 880 and OS	100 % polypropylene
D	MicroPolx® 2750 and 2850 MicroPolx® 4000-HP	70% polyester, 30% nylon microfibre 80% polyester, 20% nylon microfibre
E	Choice® 500 BlueSorb® 750 Choice® 600 Durx® 570, 670 and 770 ProjX® 700 MicroFirst®	60% cellulose, 40% polyester blend 55% cellulose, 45% polyester blend
F	Pro-Wipe® 750	60% polypropylene, 40% cellulose blend
G	MicroFirst® LP	58% polyester, 42% cellulose blend
H	EcoClean® 35 and 60 Twillx® 1622	100% cotton nonwoven 100% cotton woven
I	ValuClean® Plus Pro-Wipe® AP	50% rayon – 50% polyester blend
J	Labx® 123	100% manila hemp nonwoven
K	Lensx® 90	70% rayon, 30% manila hemp nonwoven
L	Labx® 170	80% abaca, 20% wood pulp
M	PureSorb®	100% polyurethane foam

GENERAL

Chemicals are used at room temperature and wipers should be exposed to chemicals for 30 minutes or less. Chemicals listed without percentages are assumed to be used neat – i.e. without dilution with any other solvent. 1% solutions are assumed to consist of 1 gram of the chemical to 100 grams of water.

When using wipers with chemical solutions, operators should follow all safety protocols dictated by SDS data. Additionally, operators should be gowned, masked, gloved, etc. according to cleanroom protocols for personal protection.

CHEMICALS

If you don't find the current chemical you are using in your cleanroom on this chart, please contact info@berkshire.com and we'll be pleased to assist.