



ESD UniClean®

Neutral cleaner especially for ESD-equipment for all kinds of working tables, shelves and other equipment

Part No. 090606-5 // Content: 2 x 5 l Container

Part No. 090606-6 // Content: 500 ml spray bottle

CLEANING TECHNOLOGY

Made in Germany



Application overview

The detergent can be used as ready-to-use liquid or blended with water in a 1:10 ratio. Simply spray onto the surface or apply with a cloth and wipe it clean while it is still wet. Not suitable for acrylic glass.

Technical data	
Color	blue
pH-value at 20 °C	7
Conductance at 20 °C	> 100 µS/cm
Flash point	> 100 °C
VOC content	< 20 %
Water solubility	fully soluble
Application	pure or up to 1:10 with water
Application temperature	1 - 45 °C
Storing (in original container)	10 - 30 °C
CLP / GHS	not classified as hazardous
ESD UniClean® has antistatic properties and is dust repellant. The electrostatic charge on screens will be suppressed.	

Contaminations	
Adhesive / Glue	—
Paste	—
Fluxl	—
Working tables / Shelves	++
Screens / Equipment	++
Oil / Grease	++
Machine technologies	
Spray-in-air / (PowerSpray®)	—
Spray-in-immersion	—
Air-in-immersion (AirFlow®)	—
Ultrasonic systems	—
Manual application	++

++ = ideal for application, + = recommended, o = optionally applicable, — = not recommended

Note: The spreadsheet only shows a general overview of the product specifications. Cleaning tests are reasonable to determine the optimum cleaner configuration. Such tests may be carried out directly at the **kolb** demonstration center in Willich / Germany or Shanghai / China or can be initiated by contacting your local **kolb** partner.

kolb CF1® oven cleaner is compliant with all worldwide legal regulations and directives (REACH, RoHS, TSCA etc.) on the basis of own internal checks, analyses provided by suppliers and / or material certifications of the raw materials used in the production of **kolb** Cleaning Technology GmbH



ESD detergents

ESD safe detergents of highest quality for the entire production area

Part No. 090647-CN1 - ESD FloorClean®

Part No. 090606-5 - ESD UniClean®

Part No. 090638-RM - DisplayClean

CLEANING TECHNOLOGY

Made in Germany



EPA cleaning for the entire production environment

ESD workplaces and floor coverings may only be cleaned and maintained with suitably qualified cleaningdetergents with correspondingly low bleeder resistances to avoid ESD damage or to maintain an ESD-protected environments (Electrostatic Protected Area, EPA). kolb offers a complete program for this.

kolb ESD FloorClean® is a combined cleaning, sealing and care agent for daily use in wet wiping on ESD floor coverings. The cleaner can be used on waterproof coverings such as PVC, linoleum, artificial and natural stone.

ESD FloorClean® is extremely economical (only approx. 5 ml per 1 l of water), has an incomparably low discharge resistance and does not build up any disturbing edge structures. After repeated use a silky protective film is created. By polishing, the resistance and appearance can be further improved. The conductivity of the floor coverings is not reduced.

The detergent is suitable for cleaning machines as well as for manual use and can be easily re-treated regularly.



kolb ESD FloorClean® with a uniquely low bleeder resistance simultaneously cleans and conditions floors in ESD-protected environments.

kolb ESD UniClean® is a manual, neutral cleaner especially for dissipative surfaces such as work desks, shelves and devices of all kinds. The cleaner cleans easily dirt, beverage stains, pencil and felt strokes and printing ink and has no negative impact on electrical resistance values.

ESD UniClean® can be used as a ready to use solution or diluted 1:10 with water. The cleaner is simply sprayed on or applied with a clean cloth and then wiped off with a damp cloth. Not suitable for acrylic glas.

kolb DisplayClean is a ready-to-use special cleaner for all popular computer displays and almost all plastic surfaces. DisplayClean has an antistatic effect so that sensitive circuits, e.g. in computers, are not damaged by electrostatic charges and displays are not harmed by electrostatic dust attraction.

DisplayClean is simply sprayed on and rubbed off with a clean, lint-free cloth and then dries on the surfaces without any streaks.



kolb ESD UniClean® and DisplayClean are the perfect cleaning agents for the complete ESD safe workplace.