

Cleaning Guidelines for the Semiconductor Industry

HAEMO-SOL'S SEMICONDUCTOR HISTORY

Use of Haemo-Sol in the Semiconductor Industry

For more than 30-years, Haemo-Sol's products have been used in the semiconductor industry to remove dust, dirt, grease, oil, flux residue, and other organic debris from silicon wafers.

The specialty surfactants and chemical compounds found in Haemo-Sol's products are designed to remove all organic contaminants and particulate matter from wafers without leaving a residue. By removing all organic impurities from the wafer, Haemo-Sol's detergents significantly reduce defect density and increase the yield on fully processed silicon wafers.

Each of Haemo-Sol's products is specially formulated to meet the specific cleaning applications of each user. Our products can be used in soak-and-rinse type situations, pressure washers, and mechanical cleaning systems. They are especially effective when used in ultrasonic or megasonic cleaners.

Unlike solvents and acids, Haemo-Sol's products do not require special safety equipment to use, and carry less costly chemical disposal fees. In addition, Haemo-Sol's alkaline solutions will not degrade and corrode sensitive wafer processing tools and equipment.

For additional information or to request product samples, please contact us at haemosol@haemo-sol.com.



Advantages of Haemo-Sol

- Rinses completely away
- Non-hazardous & non-toxic
- No volatile organic compounds
- Safe for employee use
- Non-flammable & non-corrosive
- Less inhalation risks than solvents
- Considered "green" to acids & solvents

Contaminants Haemo-Sol Removes

- Oil
- Grease
- Flux Residue
- Lubricants
- Dust & Dirt
- Ash
- Organic Wastes

Ways to Use Haemo-Sol

- Ultrasonic Cleaner
- Megasonic Cleaner
- Soak Basin or Tank
- Mechanical Cleaning System
- Pressure Washer