

MAXISTAB™ S-SERIES

Process safety, efficiency,
and extended lifespan of the
DOWCLENÉ™ 16 Series





YOUR GOAL:
CLEAN PARTS
AND A SAFE
PROCESS



MAXISTAB™ SD-5:

EFFECTIVE CONTACT-FREE STABILISATION OF ORGANIC ACIDS AND SULPHURISED OILS

MAXISTAB™ SD-5 is a sump stabilizer specially developed to counteract the effects of organic acids and sulphur compounds. This technical innovation enables contact-free stabilisation: It is introduced into the distillation unit and is thus effective at the origin of potentially harming products.

THE MAIN BENEFITS OF USING MAXISTAB™ SD-5 ARE:

- **Extended lifespan of DOWCLENE™ 16 Series bath**
Preventive stabilisation to avoid issues with organic acids and sulphur compounds
- **Safeguard for your cleaning machine**
Extended lifespan of gaskets and critical machine parts such as coolers, seals, valves, and others
- **Increased process stability**
Less downtimes for machine maintenance
- **Better cleaning experience**
Less odour as well as improved cleaning results due to inhibition of metal discoloration



PARTS CLEANED IN DOWCLENE™ 1601 WITH AND WITHOUT MAXISTAB™ SD-5:

The stabilizer inhibits discoloration of copper-based non-ferrous metal. Not only are the parts clean – they gain in appearance.



BETTER CLEANING EXPERIENCE:
LESS ODOUR ON THE PARTS



MAXISTAB SD-7 AND MAXISTAB SV-9:

STABLE MODERATE ALKALINITY FOR REMOVING CHLORINATED OILS

With MAXISTAB™ SD-7 and MAXISTAB™ SV-9, SAFECEM offers an innovative two-component stabilisation process combining sump and volatile stabilisation.

MAXISTAB™ SD-7 is a sump stabilizer that is added to the cleaning system through the distillation unit where it acts and remains. MAXISTAB™ SV-9 is volatile and therefore effective throughout the entire cleaning system. The dosed use of the stabilizer system allows a stable, process-safe alkalinity and thus a long service life of plant and solvent. With this innovation, it is now possible to clean off even highly chlorinated oils with the DOWCLENÉ™ 16 Series in a process-safe manner.

THE MAIN BENEFITS OF USING MAXISTAB™ SD-7 AND MAXISTAB™ SV-9 ARE:

- **Extended lifespan of DOWCLENÉ™ 16 Series bath**
Preventive stabilisation to avoid issues with chlorides
- **Safeguard for your cleaning machine**
Extended lifespan of gaskets and critical machine parts such as coolers, seals, valves, and others
- **Increased process stability**
Less downtimes for machine maintenance
- **Basic protection**
Reduction of organic acids and sulphur related challenges



MAXICHECK™ DCL-1S TEST KIT

Regular bath monitoring is indispensable for optimal solvent management. For best use of MAXISTAB™ SD-7 and MAXISTAB™ SV-9, the new MAXICHECK™ DCL-1S Test Kit is recommended for periodic checks of the solvent quality. It contains simple measurement methods for the determination of pH-value, acid content, and process-safe alkalinity that can be done on a regular basis.


OUR SOLUTION: DOWCLENETM* 16 SERIES MODIFIED ALCOHOL AND MAXISTABTM S-SERIES STABILIZERS

Component cleaning is a critical step when it comes to ensuring quality in many applications. The ideal solution requires a product-service concept co-ordinated with the entire manufacturing process as well as expertise. With the distillable solvents of the DOWCLENETM* 16 Series, SAFECHEM, the pioneer of modified alcohols, offers a solution suitable for a wide range of applications. And with the MAXISTAB S-Series Stabilizer Systems, SAFECHEM is further expanding the possibilities of this cleaning medium.

The MAXISTAB S-Series Stabilizer Systems can optimize the cleaning process in case of organic acids as well as when using sulphurised and / or chlorinated oils. They are distinguished by their innovative, contact-free mode of operation in the distillation by means of a synergistic 2-component-system.

HIGH PERFORMANCE STABILIZERS FOR A STABLE CLEANING PROCESS

The stabilizer systems of the MAXISTABTM S-Series were specially developed to counteract the effects of organic acids, sulphur compounds, hydrochloric acid and chlorides – and to prevent their build-up in cleaning systems with the DOWCLENETM* 16 Series.

Typical physical parameter			
	MAXISTABTM SD-5	MAXISTABTM SD-7	MAXISTABTM SV-9
Boiling range [°C]	> 235 °C	> 235 °C	> 85 °C
Density	0.99 g/cm ³	1.01 g/cm ³	0.85 g/cm ³
Flash point	> 100 °C	> 100 °C	23 °C
Viscosity (40° C)	18 cSt	19 cSt	5 cSt

WITH THE MAXISTAB™ S-SERIES STABILIZERS, YOU GET:

- Prolonged lifetime of DOWCLENEX™ 16 Series bath
- Safeguard for your cleaning machine
- Increased process stability
- Better cleaning experience
- Safe process with sulphurised and/or chlorinated oils

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