

## ScrewClean® SR-420

### Description:

ScrewClean® SR-420 is a cleaning compound indented for the use in injection moulding machines and extruders. This compound is based on polyethylene (PE), a non-polar plastic. The cleaning effect is achieved through selected additives. ScrewClean® SR-420 remains solid between 160 and max. 300 °C.

Please note, that temperatures exceeding 300°C require the use of appropriate respiratory protection and a suitable filter (see MSDS.)

### Application Fields:

ScrewClean® SR-420 is suitable for cleaning nozzles, screw-extruders and cylinders in injection moulding machines and extruders. ScrewClean® SR-420 achieves great results in hot runner-systems and may therefore be considered as especially suited for those. ScrewClean® SR-420 is generally applied for non-polar compounds such as PP, PE, PS, POM, PTFE due to its polarity.

### Application:

ScrewClean® SR-420 is capable of cleaning nozzles, screw-extruders and cylinders from deposit corrosions and fouling under common working temperatures. The screw can easily be disassembled after the cleaning cycle has succeeded. Having accomplished a correct cleaning cycle with Cleaning Compound ScrewClean® SR-420, the usual level of rejects due to changes in color are minimized. We recommend the following procedure:

- 1) Empty the compound 1 as far as possible
- 2) Fill hopper with the needed quantity of ScrewClean® SR-420 (see dose table)
- 3) Set up the cleansing temperature according to the operations area of ScrewClean® SR-420 (160 - 300°C)
- 4) Induct the cleaning compound (SR-420) through the hopper. Allow the compound to rest in therein for approx 5-10 minutes in case of an extensive amount of deposit corrosions
- 5) Empty the ScrewClean® SR-420 as far as possible
- 6) Fill compound 2 into the hopper. Set up the new process parameters, squirt out the leftovers of ScrewClean® SR-420. Start production procedure.

### Dosage chart for Cleaning Compound ScrewClean® SR-420:

Screw diameter (mm) :	dosage of ScrewClean® SR-420 (kg) :
30	0.4
40	0.8
60	1.4
80	2.5
100	5.0
120	9.5
140	15.0

Information for regulations on safety and transportation are provided in the safety data sheet

Further information:

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.

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