

Technical Data Sheet



Culver International Ltd

Dynaloy European Manufacturers Agent

Establishing Distributors and Maintaining
The European Network for Dynaloy, Inc.



Engineered Chemistries

ISO 9001:2000

PUR-Flush 100, 200, 300

General:

SAFETY FLUSHING SOLVENTS. The PUR-Flush products are engineered solvent blends that were developed for use in flushing urethane residues from various types of polyurethane processing equipment. The unique chemistry of the PUR-Flushes provides a product with a high flashpoint that does not leave excessive residue behind after flushing. Many flushing solvents available today, such as Dibasic Esters (DBE) and N-methyl pyrrolidone (NMP) will leave excessive amounts of solvent behind on the mix head after flushing. This often causes a problem during the pouring of the next part, especially if the parts are small. The PUR-Flush products significantly reduce the amount of solvent left behind after flushing. For companies using a pre-shot to eliminate contamination, the pre-shot step may be replaced by a simple air purge. PUR-Flush 100, PUR-Flush 200 and PUR-Flush 300 are non-chlorinated, nonflammable (per DOT), non-carcinogenic, non-ozone depleting solvents designed to replace solvents such as methylene chloride, acetone, MEK, and 1,1,1-trichloroethane. They have the benefits of being safer in the workplace and friendlier to the environment.

Applications:

1. The PUR-Flushes are especially effective for flushing mixing and metering equipment and feed lines.
2. They are effective in flushing all types of urethanes: flexible, rigid, elastomer, or molded. Effective for both MDI and TDI esters and ethers.
3. The PUR-Flush solvents are distinguishable by amount of residue left on parts after flushing, cleaning ability and cost. Consult the properties table below for details.

Specifications:

	PUR-Flush 100	PUR-Flush 200	PUR-Flush 300
Color:	Colorless to light amber	Colorless to light amber	Colorless to light amber
Specific Gravity:	0.86	0.96	0.88
Boiling Point:	>350°F	>340°F	>330°F
Flash Point:	>150°F	>150°F	>150°F
Cleaning effectiveness:	good	better	best
Elimination of residue:	good	fair	good
Cost:	lowest	lower	low

Materials of Construction:

Recommended: Teflon, butyl rubber, silicon rubber, Kalrez, steel, Halar, melamine, Nylon 101, HDPE, polypropylene, Viton; all of these materials are compatible with all PUR-Flush solvents

Avoid: Please contact Dynaloy to determine if a material is compatible with a certain PUR-Flush solvent.

Caution:

Safety goggles and impervious gloves should be worn when handling any industrial chemical, including the PUR-Flush 100, 200 and 300. Refer to MSDS before use, for disposal, or additional safe handling.

The information in this sheet is based upon our own research and is considered accurate. However, we make no warranty either expressed or implied regarding accuracy and results to be obtained, because operating conditions of users are beyond our control.

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