

Safety Flush Agent



Product description

Azo-Purge MP2™ flushing solvent is a 100 percent organic blend of selected high-temperature petroleum distillates. The composition of this blend has been developed to offer a safe alternative to hazardous products after an intense and lengthy evaluation of many different raw materials and combinations. Many years of actual use have proven it to be effective as a flushing agent for removing polyurethane and other tough composites from mixers, lines and production equipment.

A fast, safe solvent system

- Contains no chlorofluorocarbons (CFCs)
- Contains no methylene chloride
- Is ozone safe
- Is environmentally friendly
- Contains no highly toxic materials
- Has excellent resin and isocyanate solvency
- Provides easy clean-up with no residue
- Can be easily incinerated
- Ready to use as received

Technical service

For additional product applications or information please call Azon.

Ordering

To place orders or for pricing information, please contact Azon customer support at info@azonuk.com or call +44 (0) 1443 865090. Azo-Purge MP2 is available in 19-liter (5-gallon) containers.

Usage

Azo-Purge MP2 is a ready-to-use product and should not be diluted with other solvents. Although highly effective, Azo-Purge MP2 is not strong. Some extra care, occasional hand cleaning and scraping or soaking of components may be required.

Flushing process

The recommended flushing procedure for cleaning metering and mixing equipment is as follows:

1. Verify that a plastic catch bucket is located under the mix head inside the machine cabinet. We recommend that a 208.2-liter (55-gallon) drum cut in half is used.
2. Adjust the air supply to a minimum of 5.5 bars (80 psi) to operate the solvent pump.
3. Open the flush stream and allow solvent to flow into the exhausted catch bucket. Use only enough flush solvent to yield a visually clear stream. Then, close the flush stream.
4. Open the air line to blow out the remaining solvent. Use a minimum of 2.8 bars (40 psi) air supply to avoid excess atomization of the solvent.
5. Allow the half 208.2-liter (55-gallon) drum to stand for 24 hours. (This will enable the resin and isocyanate to begin the curing process. The mass will settle to the bottom of the container.)
6. Pour any remaining spent solvent into a closed-top drum for proper disposal through a reputable waste facility.
7. Allow the mass at the bottom of the drum to solidify and dry. This cured polyurethane may be disposed of through a reputable waste facility or disposed of in a solid landfill in accordance with local regulations.

Due to the exothermic reaction, there will be some obvious evaporation of the flush agent. These fumes must be exhausted to preserve a clean, safe working environment.

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Storage

Azo-Purge MP2 must be stored in tightly closed containers away from moisture and foreign substances. Storage temperatures should be maintained between 15°C and 30°C (59°F and 86°F). Under these conditions, the material will remain safe and effective for an extended period of time. In no case should Azo-Purge MP2 be reused.

Disposal

Azo-Purge MP2 may usually be disposed of by incineration; however, local regulations may differ, and the responsible agency should be consulted before disposal. The user of this product has the responsibility to dispose of unused material or residue in compliance with local, state and federal guidelines for the disposal of nonhazardous and hazardous waste.

Caution

Azo-Purge MP2 is combustible. It should never be used in the presence of open flames, sparks, burning cigarettes or other ignition sources. Since conditions of use vary. All recommendations herein are given in good faith only. There is no explicit or implied warranty of accuracy or product performance.

Health and safety

Safety data sheets and product labels must be reviewed prior use or handling the material.

WARRANTY The information contained in this document is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. The customer must inspect and test our products before use, and satisfy themselves as to the contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials, and in no event shall we be liable for special, incidental or consequential damages.