

Advanced
Construction
Technologies



Accessories

AP PUMP FLUSH

Reusable, Biodegradable Pump Flush

Product Identifier

Product Name

AP PUMP FLUSH

AP Pump Flush is a high-performance pump flush that is friendly to the environment and does an excellent job flushing out injection pumps.

Do not heat. Do not use at temperatures over 100 F.

Supplier Details

Alchatek
4508 Bibb Blvd
Tucker, GA 30084
T: (404) 618-0438

Emergency Phone Numbers

Call CHEMTREC
Day or Night

1-800-424-9300
+1 703-527-3887

Description

AP Pump Flush is a high-performance pump flush that is friendly to the environment and does an excellent job flushing out injection pumps.

Uses

- Flushing injection resin out of pumping equipment.

Advantages

- Optimal viscosity for flushing pumps.
- Prevents urethane from curing inside of the pumps.
- Low toxicity.
- Biodegradable.

Application

Note: the following are a few typical application descriptions. In case of other jobsite parameters, please contact our technical department.

PREPARATION OF THE SUBSTRATE

Most pumps are to be purged of material prior to flushing. Keep in mind that any construction chemicals mixed with flush will be compromised in performance and behavior.

PREPARATION OF THE PRODUCT

No special preparation is required for AP Pump Flush.

AS PUMP FLUSH

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PREPARATION OF THE EQUIPMENT

Flushing procedures vary based on type of pump, o-ring and seal material, and type of material being pumped. Confirm appropriate cleaning and flush methods with manufacturer of pump and manufacturer of material. For Alchatek pumps, please see specific pump technical data sheet or contact Alchatek for technical assistance.

APPLICATION

- Initial Flush: Pour one to two gallons (3.79 to 7.57 liters) of AP Pump Flush into clean 5 gallon (18.93 liter) pail
- Purge resin material from pump with AP Pump Flush into waste pail until clean stream of solvent is flowing from output hose.
- The resin rich solvent from this phase will need to be disposed of properly.
- Recirculation: Direct the output hose back into the solvent pail and allow pump to re-circulate for 2 -3 minutes. Retain this used solvent for the initial flush sequence.
- Final Flush: Pour one to two gallons (3.79 to 7.57 liters) of fresh AP Pump Flush into a clean 5 gallon (18.93 liter) pail.
- Purge the previously used AP Pump Flush from the pump. When a clear stream of solvent flows from the output hose direct the flow back into the solvent pail and recirculate for 2 -3 minutes.
- Purge AP Pump Flush from pump with low viscosity motor oil or AP Pump Saver 195 for storage. Retain this used solvent for recirculation or final flush sequence.
- Reusing the product: AP Pump Flush can be reused **ONLY** if the material remains clear. Do **NOT** use if it is tinged brown. (See section "Reusing the Product".)
- Dispose of AP Pump Flush properly once the material is tinged brown.

REQUIRED TOOLS

Pump, purge containers/vessels.

COMPLIMENTARY PRODUCTS

Solvents, motor oil, flush pot.

ADVICE / FOCAL POINTS

AP Pump Flush is not compatible with Viton or Buna-N

Reusing The Product

AP Pump Flush contains isocyanate neutralizers that will be consumed when it comes in contact with isocyanate based products from Alchatek. Discard any fluid that is tinged brown **BEFORE** recirculating as this material contains high levels of isocyanates. Only recirculate and reuse clear AP Pump Flush. Failure to do so will result in a gel forming inside your equipment that can block hoses and damage the pump.

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Technical Data

PHYSICAL PROPERTIES:

FLASHPOINT > 178° F (81° C)

Estimating Quantities

Approximately four gallons (15.1 liters) per use.

Packaging

AP Pump Flush is supplied in 5 Gallon Pails (18.9 Liter Pails)

Storage and Appearance

Store in dry environment between 40° - 80° F (5° - 26° C). Protect from moisture. Due to the nature of raw materials in this product, color may vary widely from batch to batch without impacting product performance.

Safety Precautions

Avoid contact with eyes and skin, always use personal protective equipment in compliance with local regulations. Read the relevant Safety Data Sheet before use. Safety Data Sheets are available on Alchatek.com. When in doubt contact Alchatek Technical Service.