



Global Specialty Products

USA, Inc

FOAM OFF™ - MP **Urethane Cleaner**

The cure and direct “drop-in” replacement for methylene chloride and other chlorinated solvents in cleaning rigid polyurethane foam from production equipment

APPLICATION:

Performance, safety and low cost make **FOAM OFF™- MP** your best and only cleaner at your shop. **FOAMOFF™- MP** is a multipurpose cleaning and stripping liquid designed to replace methylene chloride and eliminate all the regulatory issues associated with its use. This product is non-flammable, biodegradable and environmentally safe organic cleaner. It provides fast, residue free, and complete removal of cured or un-cured rigid urethane foam deposits and buildup from mixing heads, gear pumps, troughs, side walls, conveyor parts, rollers, molds, foam cutting devices, holding tanks, feed lines and mixing equipment. In addition, **FOAMOFF™- MP** eliminates disposal costs by recycling the spent material via vacuum distillation. The product cleans down to bare metal surfaces and is safe on ferrous and non-ferrous metals including aluminum, copper, and carbon steel.

BENEFITS:

- ? **COST EFFECTIVE**
- ? **SIMPLE CLEANING PROCESS, USE AS IS**
- ? **SUPERB PERFORMANCE, MORE EFFICIENT THAN ACETONE OR METHYLENE CHLORIDE**
- ? **LOW TOXICITY, NO HARMFUL FUMES**
- ? **RECYCLABLE, RECLAIMABLE AND REUSABLE, LOWER DISPOSAL COST**
- ? **NON-CARCINOGENIC, ELIMINATES REGULATORY ISSUES**

CLEANING PROCESS:

FOAMOFF™- MP is free of water and other ingredients which can interfere with the foaming chemical reactions. Since it has a low rate of evaporation, it effectively cleans cured and uncured rigid polyurethane foam deposits as well as coatings, sealants, adhesives and elastomers used in the foam cutting area. Use **FOAMOFF™- MP** full strength by simply wiping, flushing or soaking in an immersion tank at room temperature. Soak until foam residues are loosened and can be wiped with a dry rag.

Do not use water to rinse off parts.

TYPICAL PROPERTIES

pH (50% solution in water @ 68 °F)	6.5 - 7.5	⋮	Odor	Mild
Flash Point (°F) (Cleveland Open Cup)	190	⋮	Viscosity (@ 68 °F) Brookfield Spindle #3, 10 RPM	Water Thin
Components Vapor Pressure @ 68 °F [mm Hg]	0.2 - 0.40	⋮	Specific Gravity (@ 68 °F)	0.980 - 0.990
Components Boiling Point @ 760 mm Hg (°F)	356 - 396	⋮	Weight/Gal. (lbs./gal.)	8.4

SAFETY AND HANDLING PRECAUTIONS:

FOAM OFF™- MP is a mixture of environmentally safe organic solvents. Although, direct contact can cause a strong skin or eye irritation, it is important to utilize recommended gloves (natural rubber), safety goggles and other suitable protective clothing your company recommends. **FOAMOFF™- MP** is harmful if inhaled or swallowed. Do Not take internally. Use the product with an adequate ventilation. If splashed in eyes or on skin, wash off with plenty of water. If swallowed, remove from exposure area, call a physician immediately. Washout mouth thoroughly with water and drink several glasses of water. If not already in place, put an emergency shower at work stations if a spill or a line break of **FOAMOFF™- MP** occurs.

DISPOSAL:

Solutions containing hazardous or non hazardous soils should be handled and treated according to Federal, State and Local Environmental Laws. Even though **FOAMOFF™- MP** is biodegradable the spent material should not be disposed of in any sewerage system. The used material can be recycled via vacuum distillation on site or by a mobile reclamation service company. Discharge your distill bottom and screened out solids according to Federal, State and Local Regulations.

RECOMMENDED MATERIALS TO USE:

O-RINGS, GASKETS, HOSES AND PUMP PACKAGING:

- | | |
|-----------------|---------------------------------|
| 1) Teflon | 5) Ethylene-Propylene Copolymer |
| 2) Butyl Rubber | 6) Fluorosilicone Rubber |
| 3) Kalrez | |

MATERIALS TO AVOID:

PVC, Viton, ABS, Buna-N, Kynar, Lexan, Noryl EN-265, PET

STORAGE/PACKAGING:

Packaged in Carbon Steel 1020, 5 gallon pails and 55 gallon drums.
Store drums in a dry area. Do not freeze.

HMIS RATING:

HEALTH 1 FIRE 2 REACTIVITY 0