

# Bromothane™ Solvents

Bromothane™ precision cleaners are a family of solvents based on n-propyl bromide (nPB). Developed by Chemtura Corp., the world's largest producer of brominated intermediates, and marketed by MicroCare, these cleaners dissolve lubricating oils, cutting oils, adhesives, resins and even heavy greases. Bromothane solvents also are an ideal choice for hard-to-remove contamination such as waxes and buffing compounds.

Most of the world's nPB is produced in either the Middle East or China, regions not noted for domestic tranquility or product stewardship. Bromothane products are exclusively made in the U.S. by Chemtura, the only producer of nPB in North America.

These solvents are SNAP-accepted as replacements for CFC-113, HCFC-141b, HCFC-225, trichloroethylene (TCE), 1,1,1-trichloroethane (TCA) and other cleaners.

## Bromothane™ Solvents

### Bromothane™ S

This is the cleaning standard of the nPB product line; the "neat" stabilized solvent without any alcohol additives. It is a popular choice that is strong, versatile and easy to handle. This cleaner is used as a metal cleaner and degreaser.

M2S-BNG	11 lb. (5 kg) Minipails	1 gal. (3.8 L)
M2S-BNP	55 lb. (24.9 kg) Pails	5 gal. (19 L)
M2S-BND	600 lb. (271 kg) Drums	55 gal. (200 L)

### Bromothane™ R

The flagship product of the Bromothane family, Bromothane R uses the popular 7.5% alcohol formulation. This polar formulation out-cleans older technologies and delivers superior cleaning of both ionics, organics and particulate. By



NOTE: MicroCare solvents are sold by weight, not volume. Volume measurements are provided merely as a convenient approximation.

switching to Bromothane R, users can benefit from Bromothane quality without costly re-qualification. This cleaner is most often used for defluxing electronics, and is popular among customers switching from other brands of nPB solvents.

M2S-BRG	10 lb. (4.5 kg) Minipails	1 gal. (3.8 L)
M2S-BRP	50 lb. (22.6 kg) Pails	5 gal. (19 L)
M2S-BRD	550 lb. (248.9 kg) Drums	55 gal. (200 L)

### Bromothane™ E

This is a proprietary high-performance product using 15% alcohol. It is used primarily for insoluble particulates, especially when strong static bonds are locking the particulate to the substrates.

M2S-BEG	10 lb. (4.5 kg) Minipails	1 gal. (3.8 L)
M2S-BEP	50 lb. (22.6 kg) Pails	5 gal. (19 L)
M2S-BED	550 lb. (248.9 kg) Drums	55 gal. (200 L)

### BromoTest™ Acid Kit

The stabilizers in all nPB-based solvents are consumed in the presence of water or reactive metals. This simple test kit ensures the system is properly balanced and solvent is used for the maximum life.

M2S-BA	One Each Kit
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### BromoBooster™ Stabilizer

The life of the solvent can be extended by adding this product to the degreaser.

M2S-BBG	8 lb. (3.6 kg) Minipails	1 gal. (3.8 L)
M2S-BBP	40 lb. (18.1 kg) Pails	5 gal. (19 L)

### Air Sampling Monitors

These badges are worn for one day and then sent to a lab for processing. This process ensures the cleaning system is operating properly and that safety procedures are being followed.

M2S-BQ	Each Badge; includes lab processing
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## MicroCare®

In response to customers' requirements, MicroCare has developed (and in some instances, patented) proprietary materials, packaging and coatings. The most popular choices include...

### Dry Film Lubricants

MicroCare has a unique family of sophisticated chemistries specifically for the nonflammable, non-migrating lubrication of metal, plastic and ceramic parts. These materials use a proprietary PTFE microdispersion technology, packaged in either aerosol or bulk. They deposit a thin, smooth, dry, nonmigrating lubricant on medical devices, catheters, cutting



tools, staplers, hypotubes, and complex assemblies where metal or plastic components slide against each other. They enable ultra-low "break-away" actuation forces and minimize the "stiction" problems in low speed, light load applications. This improves the feel of the device, delivering a silky, almost effortless actuation that can not be obtained any other way.

### MicroCare CMS Defluxer

Nonflammable MicroCare CMS is an ideal choice for cleaning electronics in vapor degreasers. It is the industry's most affordable, nonflammable, ozone-safe, low aroma defluxer that is effective on almost any flux or solder paste residue. Also available in aerosol.

M2S-CMSP	45 lb. (20.3 kg) Pails	5 gal. (19 L)
M2S-CMSD	500 lb. (226 kg) Drums	55 gal. (200 L)

### MicroCare Degreasers

MicroCare HDS is a azeotropic degreaser engineered for organic residues. It is an ideal choice for cleaning electronics in vapor degreasers and is more affordable than many competing formulations. A related product, MicroCare ACF2, is an ozone-safe, nonflammable option for both military and commercial applications. It removes hydraulic fluids, oils and grease without damaging painted surfaces, elastomers or tubing. Speedy drying and good toxicity ratings make both of these cleaners stand-out choices for assembly operations, repair depots and field service centers.

M2S-HDSP	45 lb. (20.3 kg) Pails	5 gal. (19 L)
M2S-HDSD	500 lb. (226 kg) Drums	55 gal. (200 L)
M2S-ACF2P	45 lb. (20.3 kg) Pails	5 gal. (19 L)
M2S-ACF2D	500 lb. (226 kg) Drums	55 gal. (200 L)