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NEWS RELEASE

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In Response to Aerospace Industry Requests, Master Chemical Corporation Develops New Product Extensions of Its Popular TRIM® TASK2™ Grime Fighter

New TRIM® TASK2™ All Purpose Cleaner and TRIM® TASK2™ Glass Cleaner meet aerospace industry leader Pratt & Whitney requirements for use.

Perrysburg, Ohio, March 14, 2008—Master Chemical Corporation has introduced two new product extensions of its industrial strength cleaner, TRIM® TASK2™ Grime Fighter. “We developed these two products in response to requests from the aerospace industry,” said Product Manager, Dave Barned. “They were created to meet a need for mild cleaners that both pass the Hydrogen Embrittlement test and clean effectively without damaging surfaces. The new TRIM TASK2 All Purpose Cleaner and TRIM TASK2 Glass Cleaner meet industry leader Pratt & Whitney’s requirements for use in its aerospace plants,” he stated.

While the existing TASK2 Grime Fighter is an industrial strength heavy duty cleaner, that meets the most stringent cleaning requirements in the plant; TASK2 All Purpose Cleaner is a milder, water-based cleaning agent for general cleaning that will not harm surfaces, including seals, different alloys, and nonmetallic materials. Its unique formula allows for fast wetting and spreading to quickly clean oily, greasy soils. The TASK2 Glass Cleaner cleans any transparent surface without leaving a residue. The products are environmentally friendly, biodegradable, and contain no ammonia, caustic, silicates, phosphates, nitrites, phenols, or borates.

According to Cleaners and Corrosion Inhibitors Applications Manager, Jennifer Rogers, “TASK2 All Purpose Cleaner is specially formulated with low solids to reduce unsightly residues and leave surfaces spotless. The Cleanability Score shows that the TASK2 All Purpose Cleaner is a superior cleaner on the five most common shop soils,” she said. TASK2 All Purpose Cleaner is specifically formulated to be compatible with coolants in case of incidental contact. “The product’s low conductivity and pH is another important benefit. TASK2 All Purpose Cleaner will not split coolants when in contact with them,” said Jennifer Rogers.

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Maximizing Productivity – Minimizing WasteSM

Release—Add One

Master Chemical compared three glass cleaners in use at aerospace plants and industrial settings. While all three products had similar pH levels, TASK2 Glass Cleaner truly shined on surface tension and percent solids parameters. TASK2 Glass Cleaner's surface tension is far lower than its competitors which translates to better cleaning through faster penetration of soils; and better wetting and spreading of the cleaner over the surface for more effective cleaning. TASK2 Glass Cleaner has a lower percent solids leading to less streaking and hazing of surfaces.

"TASK2 Grime Fighter, TASK2 All Purpose Cleaner, and TASK2 Glass Cleaner have all passed the ASTM 519-97 Type 1c Hydrogen Embrittlement test," said Vice President Strategic Technology Development, Milton Hoff. "The TASK2 family of products was tested in accordance to the ASTM F519-97 Type 1c Hydrogen Embrittlement test for 150 hours with no failure," he stated. Materials undergo hydrogen embrittlement and this can eventually result in metal failure. "Passage of the Hydrogen Embrittlement test is essential to gain approval for use in aerospace," said Mr. Hoff.

TASK2 products are labeled "readily biodegradable" because they exceed the requirements of OECD Method 301D, the test for Ready Biodegradability. The test, an international standard for product labeling, measures biodegradation of consumer and industrial products. In the degradation testing, the time it takes a product to break down in the environment is measured. The TASK2 products have required less than half the time allowed by the standard. In addition to being readily biodegradable, TASK2 products have a mild pH and a very light, pleasant scent. "TASK2 products are among the most user-friendly and environmentally friendly cleaning products available," said Dave Barned. "They are strong on industrial grease and grime, yet safe for people, products, and planet," he stated.

Unlike many of its competitors, TASK2 All Purpose Cleaner and TASK2 Glass Cleaner contain no butyl, phosphates, borates, silicates, or hydroxides. The solvent butyl, or "2-butoxyethanol", is commonly used in many cleaner formulations and can be listed by more than 30 different names but can be recognized by its CAS# of 111-76-2. According to "Concise International Chemical Assessment Document 10" published under the joint sponsorship of the United Nations Environment Programme, the International Labour Organization, and the World Health Organization, and produced within the framework of the Inter-Organization Programme for the Sound Management of Chemicals, "The principal human health effects attributed to 2-butoxyethanol exposure have involved the central nervous system, the blood, and the kidneys. 2-Butoxyethanol is toxic to humans. Following long-term or repeated exposure, effects on the blood may be observed."

The Agency for Toxic Substances and Disease Registry (ATSDR) notes that "Animal studies have shown hemolysis (destruction of red blood cells that results in the release of hemoglobin) from exposure to 2-butoxyethanol and 2-butoxyethanol acetate. High doses of 2-butoxyethanol can also cause reproductive problems and minor birth defects in animals."

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Release—Add Two

Markets for the entire family of TASK2 products—Grime Fighter, All-purpose Cleaner, and Glass Cleaner, include aerospace and other industries with strict demand for products that do not cause hydrogen embrittlement and are environmentally safe cleaners, as well as, industries and customers with a need for general cleaners. The TASK2 products are safe on all metals excellent for use on glass, ceramics, stainless steel, chrome, Formica, and more; and though mild, are strong enough to cut through tough shop soils. The TASK2 All Purpose Cleaner and TASK2 Glass Cleaner are designed to be used without dilution. TASK2 products are sold through Master Chemical's distributors and are available in convenient 32-ounce, full-quart spray bottles, one-gallon bottles, five-gallon pails, drums, or totes. For more information about these two new TASK2 products please visit http://www.masterchemical.com/na_en/fluid_products/product.php?id=task2-all, http://www.masterchemical.com/na_en/fluid_products/product.php?id=task2-glass, or call Master Chemical at 419-874-7902.

About Master Chemical Corporation

Master Chemical Corporation was founded on November 13, 1951. Since then, working closely with the worldwide metalworking community, Master Chemical Corporation has developed and marketed a full line of specialty cutting and grinding fluids, cutting oils, concentrated washing and cleaning compounds, and rust preventives all under the TRIM[®] Brand trademark. These products are both environmentally sound and when used in conjunction with Master Chemical's XYBEX[®] Coolant Recycling and Filtration Systems, are the most durable and stable products available anywhere today. Master Chemical has always been committed to the safety of the people who use our products, the protection of our planet and the environment we live in, and the overall impact on our customers' profitability. For further information please contact a Distributor near you (http://www.masterchemical.com/na_en/distributors/index.php), visit www.masterchemical.com, or call us at 419-874-7902.

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Photos:

http://www.masterchemical.com/db-docs15/images/TASK2-new_p.jpg (300 dpi file)
http://www.masterchemical.com/db-docs15/images/TASK2-new_w.jpg (72 dpi file)

Photo caption:

TRIM[®] TASK2[™] All Purpose Cleaner and TRIM[®] TASK2[™] Glass Cleaner in convenient 32-ounce, full-quart spray bottles, pictured with a full case of each. Also available in one-gallon bottles, five-gallon pails, drums, or totes.