

CIMCLEAN[®] IM-604

PROCESS PARTS CLEANER



DESCRIPTION

CIMCLEAN IM-604 is a versatile water-based parts cleaner and corrosion inhibitor for all metals (other than magnesium) . This product is free of DEA, DEA compounds, DCHA, phosphates, boron, and silicones.

APPLICATION

VERSATILITY: This product is excellent in dip, immersion, ultrasonic, tumbling applications. It is able to clean with minimal agitation and has excellent rinsing properties. When heated this product may also be applied by spray.

FEATURES & BENEFITS

CLEANLINESS: Emulsification properties allow for both optimal part cleanliness and extended sump life. This product temporarily emulsifies typical quench oils during the washing process to prevent re-deposition onto cleaned parts and then, with time, rejects oils for extend sump life.

RECOMMENDED STARTING DILUTION

CIMCLEAN IM-604 is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is below 55°F. Add no other materials to the concentrate or mix unless approved by your CIMCOOL[®] District Manager.

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|----------------------------|----------|----------------|------------------|
| Spray Washers: | 3 to 5% | (1:33 to 1:20) | Ambient to 140°F |
| Dip/Immersion: | 5 to 10% | (1:20 to 1:10) | Ambient to 140°F |
| Ultrasonic Washers: | 3 to 10% | (1:33 to 1:10) | Ambient to 140°F |

Total Alkalinity or Refractometer can be used

The Refractometer Factor is **3.8**.

Calibrate and use refractometer as directed. Remove gross contaminants from the sample mixes before testing. A refractometer is only recommended for use in checking the concentration on a fresh charge.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

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|---|---|
| Physical State: Liquid | Appearance and Odor: Clear/Chemical |
| Solubility in water: 100% miscible | Specific Gravity: 1.0461 |
| Boiling point: 212°F | VOC (Method 24): 12.7% |
| pH, Concentrate: 11.4 | pH, Mix 4%, Typical Operating: 9.1 |

HANDLING & STORAGE

If frozen, product separates. Thaw completely at room temperature and stir thoroughly prior to use. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL[®] Technical Services at 1-513-458-8199. Limitation of Liability: Under no circumstances, shall we or any affiliate of ours have any liability whatsoever for loss of use, or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.