

# Technical Bulletin

## 203 Mild Alkaline Cleaner

**Product Name and Description** – 203 Mild alkaline cleaner is an aqueous mixture of nonionic surfactants, glycol ether, alkaline amine and a naturally derived renewable resource essential oil which acts as a powerful solvent. The product is designed to clean hard surfaces and fabricated articles made from a variety of materials.

**Typical uses** – wash boxes, spray washers, ultrasonic baths, mopping, degreasing, carpet extraction, floor cleaning machines and Clean in Place (CIP) equipment cleaning procedures.

### Typical Properties –

BOILING POINT: 212°F  
SPECIFIC GRAVITY: 1.030  
VAPOR PRESSURE: N/A  
PERCENT VOLATILE BY VOLUME: >60%  
VAPOR DENSITY: N/A  
EVAPORATION RATE (H<sub>2</sub>O = 1): NA  
SOLUBILITY IN WATER: Complete  
APPEARANCE AND ODOR: yellow liquid with a citrus like odor.  
pH AS RECEIVED: 9.5 – 12.5 ± 0.5

**Dilution Rates** – Dilutions indicated are in water

Wash Boxes 1% to 10% by volume  
Spray Washers 1% to 15% by volume  
Ultrasonic Baths – 5% typically  
Degreasing and Hard surface Cleaning 5% to 20%  
Mopping – 1% to 5%  
Carpet Extraction – not more than 3%  
Floor cleaning Machines- up to 10%  
CIP cleaning – 5% maximum, 2% typical

**Use Instructions** – For most applications, use at the dilution ratios as indicated above. In some cases, where stubborn stains remain, the product may be used at up to 25% in water but note that copious foaming may occur. For FDA or USDA (food, drug or cosmetic) applications a clean water rinse after use of the recommendation dilutions of 203 *is required*. When used as directed and followed by a clean water rinse 203 meets FDA and USDA regulatory guidelines regarding Clean In Place (CIP) requirements.

**Regulatory Statements** – All ingredients are presently listed in the EAFUS (Everything Added to Food in the US) list and is acceptable for food incidental contact as might be expected under ordinary use in an industrial setting.

The information and recommendations contained herein are to the best of KC CHEMICALS Inc.'s knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for their own use of the product described herein. Since the actual use of this product is beyond the control of KC CHEMICALS Inc., no guarantee, expressed or implied, is made by KC CHEMICALS Inc.