

# Technical Bulletin

# Mustang

## Hi Tech Surfactant / Potassium Hydroxide CIP Detergent

### Product Description:

MUSTANG is a new high tech low foam surfactant / Potassium Hydroxide CIP Cleaner. MUSTANG combines a Potassium alkalinity source with sequestrants and low foam surfactant to ensure cost effective removal of soils from food processing and packaging equipment and the surrounding work areas. MUSTANG offers the following highly desirable benefits.

Tough Cleaner Characteristics Assist Safe Food Manufacturing. With food safety still being the Industry's number one concern, MUSTANG is built to heavy duty, high performance standards. The Potassium hydroxide / surfactant package is the active ingredient behind MUSTANG's powerful cleaning force, which saponifies fat, dissolves protein, and removes carbonised and greasy soils. MUSTANG attacks food soils such as sugar, fat, protein, salt... removing them quickly and efficiently.

### Application:

Aggressive Cleaning Even When Hard Water is used.

While water is essential to cleaning nearly any food processing equipment, it alone is not a very efficient cleaning substance. Effective sequestrants are added to MUSTANG as a chelating agent to attack build ups of calcium and iron which inhibit surfactancy and commonly occur when hard water is used.

Low Foaming.

MUSTANG's low foaming characteristic means less foam, less time to rinse. No clogged equipment and no pump cavitation. MUSTANG provides labour and time savings!

Cost Effective.

Dependant on soil loading, MUSTANG dosage can be at a dilution between 1-3% (W/V in water) and it's a competitive price. MUSTANG can be used at up to 5% for a restoration clean.

### Food Safety Statement:

With regard to the use of this product as a cleaner and / or sanitiser that may have incidental contact with food:

- 1) The raw materials / ingredients of this product are permitted as 'processing aids' as listed under clause 12 of the Food Standard Code 1.3.3 (Food Standards Australia New Zealand FSANZ) or
- 2) Are Generally Regarded as Safe (GRAS) according to the US Food and Drug Administration (FDA) or are recognised in the US Code of Federal Regulations (CFR) Title 21 part 178 as indirect food additives.

When used in accordance with the directions described in this product technical bulletin, this product complies with these recognised food safety parameters.

**SHELF LIFE:** As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 24 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material. **Page 1 of 2**

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