

TECHNICAL DATA SHEET

QH EXOMAX™ CC 301

CLENE 301 / ACC2 / ACC4

LOWER TEMPERATURE 2 PIECE ALUMINIUM CAN CLEANER



QH EXOMAX™ CC 301 is an acidic based lower temperature cleaner containing highly biodegradable surfactants, specifically designed for cleaning aluminium beverage cans in a spray process. QH EXOMAX™ CC 301 displays extremely low foam profiles in rinse stages. QH EXOMAX™ CC 301 should be used with a fluoride based accelerator such as ACC2, ACC3 or ACC4 for full removal of oxides.

Applications

QH EXOMAX™ CC 301 is applied by power spray in the initial stages of the pre-treatment process for aluminium cans or other aluminium parts. It is suitable for use in both the pre wash and main wash sections of a multistage process and may be back flowed for maximum economy.

Operational Parameters

| PROPERTY | TYPICAL VALUE | UNIT |
|----------------------|---------------|------|
| Free Acid* | 6 - 12 | ml |
| Temperature | 50 - 60 | °C |
| Fluoride Accelerator | 3 - 10 | ppm |

Backflow / overflow to maintain acid ratio of 2.5 - 3.5

*Dependent on mat speed and residence time

Tank Make Up

Always make up initial solutions by adding carefully to cool water. Avoid splashing.

1. Fill the tank to the final volume with fresh cool water
2. Heat solution to operating temperature
3. Add the required amount of QH EXOMAX™ CC 301 slowly
4. Agitate to mix thoroughly
5. Test bath for Free Acid content

Benefits

- Reduces energy consumption by operating at a lower temperature.
- Highly biodegradable - Safer Chemical Ingredients List (SCIL)
- Reduced consumption and overall cost
- Low foam
- Superior cleaning

Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

Properties

| CLENE 301 | CLENE 301 | CLENE ACC2/ACC4 | UNIT |
|-------------------|----------------------|-----------------|------|
| Appearance | Clear Yellow - Amber | Light Pink | |
| Density at 15.5°C | 1.25 - 1.35 | 1.05 - 1.09 | |
| pH at 1% | 1.0-2.0 | | |

*These characteristics are typical of current production and can't be used as a specification.



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Plant And Equipment

In use

- Use type 316L stainless steel

Storage, pipe & fittings (Bulk)

Plastic

- PVC or EPDM or other plastics compatible with sulphuric acid from 25-40%

Steel

- Use 904L, Hastelloy C grade or other high molybdenum alloy steels compatible with sulphuric acid from 25-40%

Seals

- Viton or EDPM

Related Products

CORALUBE 4000CPL - Postlubricant

CORALUBE 3002B / 3007 - Premium copper lubricants

CORALUBE 737BR - Biostable bodymaker coolant

COR COAT NC900 - Non Chrome treatment

COR RINSE 42C1 & 62 - Mobility Enhancer

Spills and Disposal

Small spills may be washed to drain with plenty of water. Large spills should be contained. Wear full protective clothing. Neutralise spills with soda ash or lime before sweeping up for disposal in labelled, sealed bags.

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose.

