



PRODUCT DATA SHEET

ACOLUBE SYN 20

Synthetic track treatment for enhanced conveyor hygiene

Description

Acolube SYN 20 is a low foaming fatty amine / cationic surfactant based track treatment for food and beverage containers. **Acolube SYN 20**

Key properties

Acolube SYN 20 is a fatty amine / cationic surfactant based liquid track treatment providing lubrication for the conveyance of food and beverage containers including glass and PET bottles on plastic and steel conveyors. **Acolube SYN 20** has been developed for use with PET (polyethylene terephthalate) bottles, reducing the risk of stress cracking.

Acolube SYN 20 has been formulated to prevent fouling in the distribution pipework (can lead to blocked nozzles) and provide enhanced conveyor hygiene.

Acolube SYN 20 is low foaming reducing the risk of problematic build up on the conveyor, drip trays and floor.

Acolube SYN 20 is suitable for use in soft and hard water conditions.

Benefits

- Provides effective lubrication for food and beverage containers, ensuring line efficiency is maintained. Helps prevent wearing of bearings and shearing of pins, thus reducing maintenance costs.
- Effective distribution pipework and conveyor hygiene helps maintain operational efficiency, a pleasant working environment and improve operator safety.
- Used at a high dilution to give an effective and economical .in-use.concentration.
- Reduces the risk of stress cracking and leakage with PET bottles enhancing brand integrity.
- Low foaming characteristics give reduced operational problems and improved operator safety, the latter by minimising the risk from slippery floors.
- Suitable for use in hard water conditions eliminating the need for softener installation and maintenance.
- A single product and distribution system can be used where a number of different packaging is conveyed (e.g. glass and PET bottles), thus reducing site complexity.

Use instructions

Acolube SYN 20 should be applied via an automatic dosing system with zoning for large lines. It is recommended that fan nozzles are used, their positioning optimised to ensure effective conveyor coverage. The typical use concentration is 0.1 . 0.5% w/w, (1 part product to 200 . 1000 parts water), depending on the application.

Product compatibility with diluting water and packaging should always be confirmed before use.

Technical data

Appearance clear, yellow liquid

Relative density at 20°C 0.99

pH (1 % solution at 20°C) 6.5

Chemical Oxygen Demand (COD) 228 gO₂/kg

Nitrogen Content (N) 4.7 g/kg

Phosphorous Content (P) none

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

Store in original closed containers or (where applicable) in an approved bulk tank, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Product compatibility

Acolube SYN 20 is safe for use on all type of materials commonly found in the beverage industry when applied in the recommended concentration. It is advisable to evaluate individual materials before use in the event of uncertainty.

Test method

Reagents : 0.1N acid

BSM indicator

Procedure : Fill 100ml of the application solution into a conical flask. Add 5 drops of BSM indicator. Titrate this solution with 0.1N acid until the colour changes from green to grey. Do the same with the plant water.

Calculation: Lubricant value (ml) - water value (ml) = acid value
Acid value x 0.35 = % (w/w) **Acolube**.

Available Pack Size

200Lt

Aconcci Global Limited

Plot 8, Goshen Estate, off Ibiwoye Street, Ago Palace Way,
Okota, Isolo Lagos, Nigeria.

Tel: +2348121185859: Email: aconcci.ng@gmail.com