



F&B Dicolube TPB

VL20

Synthetic track treatment suitable for cartons & PET

Description

Dicolube TPB is a liquid silicone based conveyor lubricant for food and beverage containers. Dicolube TPB has been developed to be compatible with cartons and PET bottles.

Key properties

- Dicolube TPB is a silicone based liquid which provides effective lubrication for the conveyance of food and beverage containers, it being particularly suitable for cartons and PET bottles on plastic conveyors.
- Dicolube TPB has been developed to be safe on carton pigment and its polyethylene coating.
- Dicolube TPB has also been developed for use with PET (polyethylene terephthalate) bottles, reducing the risk of stress cracking.
- Dicolube TPB has low – non foaming characteristics which reduce the risk of problematic build up on the conveyor, drip trays and floor.
- Dicolube TPB is suitable for use in soft and hard water conditions.
- Dicolube TPB has been formulated to prevent fouling in the distribution pipework (can lead to blocked nozzles).

Benefits

- Provides effective lubrication ensuring line efficiency is maintained.
- Reduces the risk of damage to carton pigments, polyethylene coating and the body of the carton enhancing brand image and integrity.
- Reduces the risk of stress cracking and leakage with PET bottles, enhancing brand integrity.
- Effective distribution pipework hygiene helps maintain operational efficiency.
- Low – non foaming characteristics reduce the risk of carton damage and operational problems. This also gives improved operator safety by minimising the risk from slippery floors.
- Suitable for use in hard water conditions eliminating the need for softener installation and maintenance.

Use instructions

Dicolube TPB should be applied via an automatic dosing system. Typical use concentrations are 0.2-0.6% w/w (1 part lubricant to 167-500 parts water), depending on application and degree of soiling, as are spray times. Compatibility with packaging should always be confirmed before use.





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Technical data

Appearance: White to slightly blue milky liquid

pH (neat at 20°C): 4.9

Relative density (20°C): 1

Chemical Oxygen Demand (COD): 126 gO₂/kg

Nitrogen Content (N): <0.1 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, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

Dicolube TPB 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

Use a Copper-Test (commercially available by Merck, article no. 1.14414.0001) for determination of Dicolube TPB in use solutions.