



Technical Data Sheet

POLAR FOOD

Antifreeze for food-grade machinery



Description

POLAR FOOD is mono-propylene glycol based permanent antifreeze. This product is formulated as amine-, nitrite- and phosphate-free liquid. POLAR FOOD due to its particular formulation and technical characteristics is suitable for use on vehicles and above all on food grade production machinery. This product is harmless and not submitted to labelling. Thanks to its special additive packaging POLAR FOOD provides excellent protection against corrosion and rust for all metals used for construction of cooling systems and in particular way provides excellent protection for aluminium. POLAR FOOD contains foam inhibitors and limits wear of cooling system. POLAR FOOD assures as well protection of elastomer parts and gaskets. POLAR FOOD is easily biodegradable antifreeze.

Properties

DILUTION RATIOS

Polar Food volume 25%: freezing point -10°C

Polar Food volume 33%: freezing point -15°C

Polar Food volume 50%: freezing point -32°C

Specifications

FDA-21CFR-Ch.1 (4-1-00 Ed.) Part 184

FDA-21CFR-Ch.1 (4-1-00 Ed.) Part 100

Technical Data

Density at 20°C	ASTM D1122	g/cm ³	1.05
Reserve alkalinity	ASTM D1121	ml HCl	> 8
pH solution 50%	ASTM D1287		>8.5 (with dem.water)