

A black and white photograph of an industrial facility, likely a chemical plant. The image shows a complex network of large, polished metal pipes and structural beams. In the foreground, a vertical pipe is prominent, with various valves and flanges. The background shows more pipes and a cloudy sky. The overall scene conveys a sense of industrial scale and complexity.

INDUSTRIAL CHEMISTRY



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GET TO KNOW GLITHERM

GLITHERM is a manufacturer and supplier of a range of raw materials and specialty chemicals. Our flagship products are high-quality antifreeze fluids based on glycols, which form the foundation of our business and symbolize our commitment to developing top-quality products.

As a result of our own R&D efforts, we have developed the **GLITHERM** line of antifreeze fluids. Our passion lies in creating custom solutions and delivering high-quality fluids that meet the expectations of our partners, enabling us to address the growing demands of the market. Our products are continuously improved to ensure that our clients have access to the latest technological advancements.

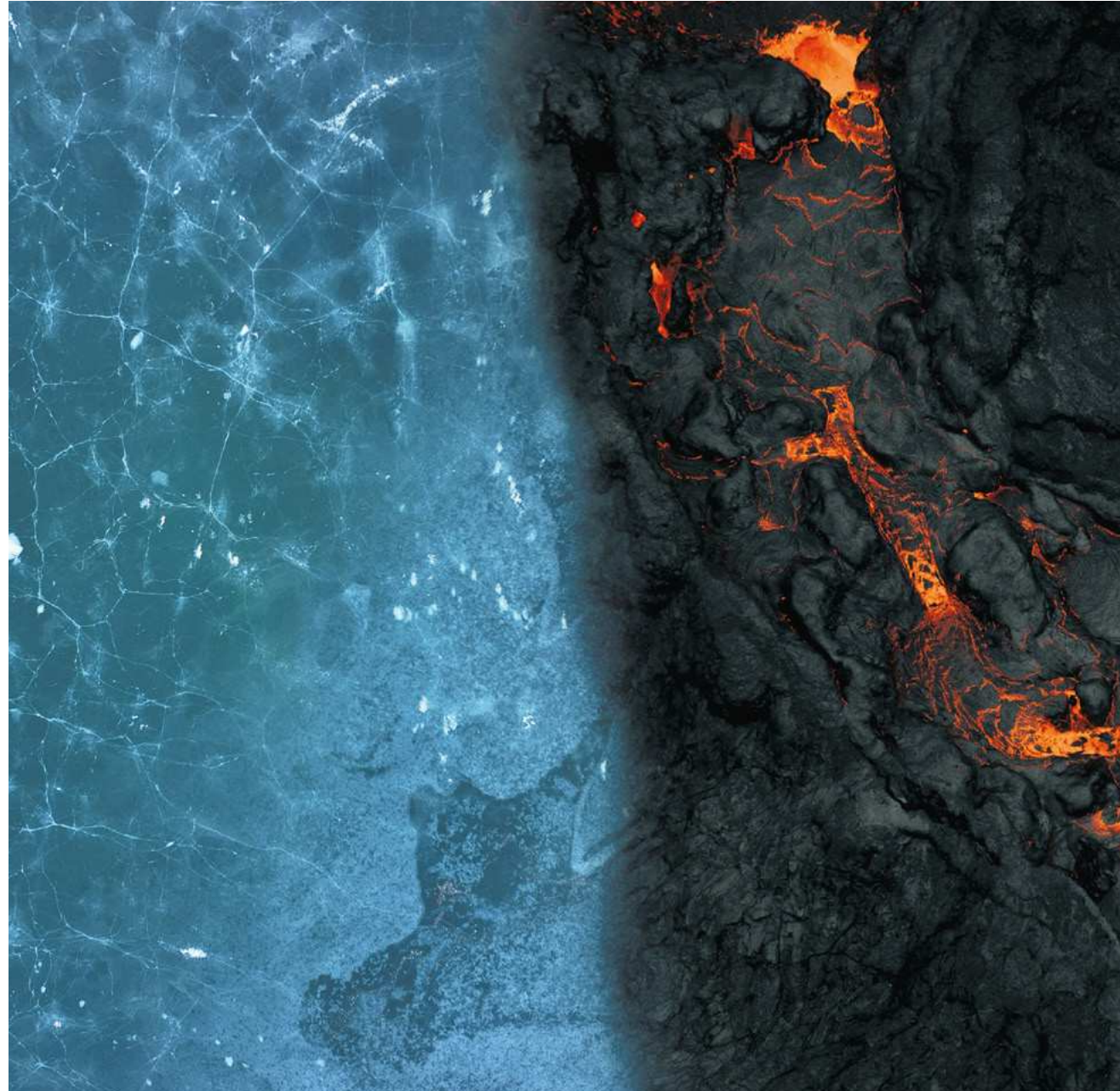
GLITHERM ET

GLITHERM ET is a series of specialized heat transfer fluids, available as ready-to-use products or concentrates.

GLITHERM ET is based on high-grade monoethylene glycol (MEG).

The fluids in the **GLITHERM ET** line are designed to operate in demanding environments, providing enhanced corrosion protection and preventing the formation of deposits. They help maintain the cleanliness of installations and protect against the growth of microorganisms.

The high-quality raw materials used in the production process prevent fluid and system degradation, extending the lifespan and ensuring reliable operation wherever the product is applied.



APPLICATIONS **GLITHERM ET**

- Industrial HVAC systems.
- Heating systems.
- Central heating installations.
- Cooling systems.
- Chiller units.
- Industrial cooling systems (cooling towers, ice rinks, cooling in production processes).
- Air conditioning and environmental control systems.
- Sprinkler systems.

CHARACTERISTICS

- Ready to use.
- Holds ITB Technical Recommendation.
- Provides protection against corrosion, overheating, freezing, deposit formation and microbial growth.
- Keeps installations clean.
- Ensures efficient operation of systems for years.
- Free of glycerin and alcohols.
- Contains anti-foaming agents.
- Multi-season product.
- 5-year warranty.

COLOR

Standard



AVAILABLE ADDITIVE



UV additive to facilitate leak detection.

AVAILABLE PACKAGING



24 T



1000 L



220 L



20 L

STANDARD READY-TO-USE FLUIDS*



*Custom blends can be prepared to meet individual requirements.

CHARACTERISTICS

- Concentrated formula.
- Reduced transport and storage requirements.
- Holds ITB Technical Recommendation.
- Custom blend preparation available to meet individual needs.
- Free of alcohols and glycerin.
- Provides anti-corrosion protection, prevents deposit formation, biofilm growth, overheating and freezing.
- Contains anti-foaming agents.
- Multi-season product.
- 5-year warranty.

COLOR

Standard



AVAILABLE ADDITIVE

UV

UV additive to facilitate leak detection.

AVAILABLE PACKAGING



24 T



1000 L



220 L



20 L



DILUTION TABLE FOR CONCENTRATE

Crystallization Temperature °C	% Concentrate	% Demineralized Water
-35 °C	50	50
-30 °C	47	53
-25 °C	42	58
-20 °C	37	63
-15 °C	30	70

GLITHERM ECO

GLITHERM ECO is a next-generation series of ready-to-use antifreeze fluids and concentrates made from monopropylene glycol (MPG). They combine high performance and exceptional reliability with effective anti-corrosion protection while safeguarding installations against limescale deposits and sedimentation.

Additionally, **GLITHERM ECO** fluids offer a wide temperature range, allowing them to be tailored to various conditions and specific requirements of different installations.

During operation **GLITHERM ECO** antifreeze fluids maintain their properties for years, ensuring multi-season, durable and reliable performance of the system and its components.

They are eco-friendly and safe for both humans and the environment.



APPLICATIONS **GLITHERM ECO**

- Installations in the food industry without direct contact with food.
- Industrial systems.
- Heating installations.
- Central heating systems.
- Sprinkler systems.
- Cooling and air conditioning systems.
- Ground-source and monoblock heat pumps.
- Solar collectors.

CHARACTERISTICS

- Ready to use.
- Non-toxic and environmentally friendly for humans
- Free from CMR substances (carcinogenic, mutagenic and reproductive toxins).
- Holds ITB Technical Recommendation.
- Holds PZH Hygiene Certificate.
- Free of glycerin and alcohols.
- Provides full anti-corrosion protection for installations.
- Prevents the growth of microorganisms, deposit formation and keeps the installation clean.
- Contains anti-foaming agents.
- Dedicated for the food industry.
- 5-year warranty.

COLOR

Standard



Other colors available



AVAILABLE ADDITIVE



UV additive to facilitate leak detection.

AVAILABLE PACKAGING



24 T



1000 L



220 L



20 L

STANDARD READY-TO-USE FLUIDS*



*Custom blends can be prepared to meet individual requirements.

CHARACTERISTICS

- Next-generation cooling concentrate.
- Reduced transport and storage requirements.
- Custom blend preparation available to meet individual needs.
- Non-toxic, environmentally friendly and safe for humans.
- Free from CMR substances (carcinogenic, mutagenic and reproductive toxins).
- Holds PZH Hygiene Certificate and ITB Technical Recommendation.
- Free of glycerin and alcohols.
- Prevents the growth of microorganisms, deposit formation and keeps the installation clean.
- Prevents microbial development.
- 5-year warranty.

COLOR

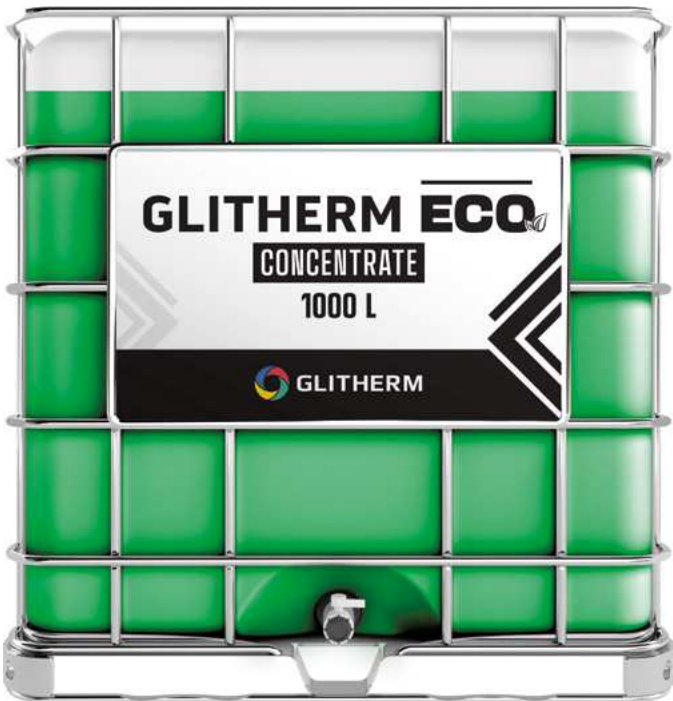
- Standard
- Other colors available

AVAILABLE ADDITIVE

- UV
- UV additive to facilitate leak detection.

AVAILABLE PACKAGING

- 24 T
- 1000 L
- 220 L
- 20 L



DILUTION TABLE FOR CONCENTRATE

Crystallization Temperature °C	% Concentrate	% Demineralized Water
-35 °C	55	45
-30 °C	52	48
-25 °C	47	53
-20 °C	42	58
-15 °C	36	64

AQUACOR+

AQUACOR+ is an environmentally friendly and efficient circulating water. It protects all metal components and seals used in heating systems from corrosion. It stabilizes pH, prevents the formation of scale and the deposition of mineral sediments.

AQUACOR+ protects both new and existing installations from failures and performance degradation. It ensures the efficiency and cleanliness of the system, safeguarding it from premature wear. Enriched with a UV additive, it facilitates the detection of potential leaks and defects.

It is ideal for both industrial and residential installations and suitable for applications where freeze protection is not required.



APPLICATIONS **AQUACOR+**

- Heating installations.
- Central heating systems.
- Underfloor heating systems.
- Industrial circuits.
- Cooling and refrigeration installations.
- Air conditioning systems.
- Heat pumps.
- Ventilation units.

CHARACTERISTICS

- Safe for humans and environmentally friendly.
- Protects the installation from corrosion.
- Prevents the formation of scale and the deposition of mineral sediments.
- Keeps the system clean.
- Improves system efficiency.
- Reduces heat loss.
- Extends the lifespan of the system.
- Contains anti-foaming additives.

COLOR

Standard



AVAILABLE ADDITIVE

UV

UV additive to facilitate leak detection.

AVAILABLE PACKAGING



24 T



1000 L



220 L



20 L



DEMINERALIZED WATER

GLITHERM Demineralized Water, often referred to as technological or process water. Free from all minerals, ions and other impurities, making it ideal for applications where purity and low electrical conductivity are crucial.

Produced using advanced reverse osmosis technology, it is characterized by high purity preventing the formation of scale and the deposition of other mineral sediments. It is free from organic contaminants, minimizing the risk of potential biological activity.

GLITHERM Demineralized Water is odorless and colorless and does not affect the smell or color in a wide range of applications, such as when diluting concentrates.



APPLICATIONS **Demineralized Water**

- Cooling systems.
- Air conditioning and heating installations.
- Steam boilers.
- Sprinkler systems.
- Raw material in industry.
- Solvent in various applications.
- Wetting agent.
- Laboratory reagent.
- Industrial laundries and ironing facilities.
- Household appliances.
- Automotive and industrial sectors.
- Electronics manufacturing.

DEMINERALIZED WATER



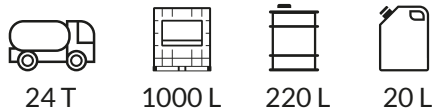
CHARACTERISTICS

- A universal solvent with a consistent, predictable composition.
- Free from minerals, ions and other impurities.
- Free from any organic contaminants, minimizing potential biological activity.
- Protects against scale and mineral deposits.
- Odorless and colorless.
- Characterized by very low electrical conductivity.
- Safe for both humans and the environment.
- Long shelf life; when stored under optimal conditions, it does not age or degrade.

COLOR

Standard

AVAILABLE PACKAGING

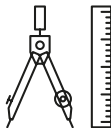




OUR SERVICES



We deliver to any location in Poland and worldwide.



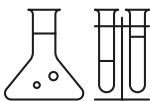
We assist in creating your own brand.



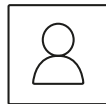
We recycle used fluids from any location in Poland and the EU.



We inject fluids into all types of installations.



We offer laboratory services and fluid diagnostics.



We provide advice on selecting the right product.



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