



**"GLYSANTIN® - the premium engine coolant.  
Comprehensive protection for your engine!"**



® = reg. trademark of BASF SE

A brand of **BASF**  
We create chemistry

# GLYSANTIN® – the premium engine coolant

The 3-fold protection against corrosion, overheating and frost for lasting functional reliability

GLYSANTIN® means better protection, better quality, better performance. Trust the original – made in Germany.

Inappropriate coolants or incorrect use of engine coolant cause damage to the cooling system!



### Protection against corrosion

GLYSANTIN® forms a very thin, but extremely resistant protective layer in the cooling system.

**The result:** perfect protection against corrosion

**Also:** protection for parts made from rubber and plastic, such as radiator hoses, expansion tanks and header tanks

### Protection against overheating

GLYSANTIN® raises the boiling point of the coolant in the cooling system, ensuring perfect transfer of heat – even when the engine is working hard, or the outside temperatures are high.

**The result:** the radiator does not “boil over” → the engine does not overheat

**Also:** protection against dangerous deposits in the coolant ducts

### Protection against frost

GLYSANTIN® prevents the coolant from freezing.

**The result:** no damage to engine components, gaskets and cooling system when outside temperatures are low



# GLYSANTIN® – Tips for use

## Things you should know!

---

The correct coolant for your engine is the coolant that has been approved by the vehicle manufacturer.

- Cooling system protection is necessary all year round and not only important during winter!
- When carrying out repairs, always replace the coolant completely, flush and clean the cooling system first!
- Never mix coolants based on different technologies!
- We advise to replace the coolant completely every 3 to 4 years.
- Always follow the vehicle manufacturer's instructions!

## The correct application:

### Engine coolant concentrates: GLYSANTIN®

The correct way to use engine coolant concentrates:

- Never use engine coolant concentrates in an undiluted form.
- Use suitable quality water.
- Always use the correct mixing ratio with water.

Frost proof to	Parts GLYSANTIN®	Parts water
-20 °C	1	2
-27 °C	1	1,5
-38 °C	1	1

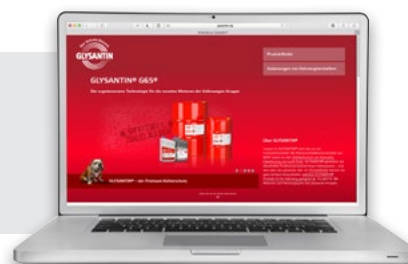
### Ready mix engine coolants: GLYSANTIN® READY MIX

The correct way to use Ready Mixed engine coolant:

- Ready Mixed engine coolants are pre-diluted 1:1 with water and therefore frost-proof to -38°C.
- Ready Mixed engine coolants can be used directly and do not need to be further diluted with water.

When disposing of engine coolants please be aware of the appropriate disposing regulations.

Further tips and information about protecting your cooling system can be found at [www.glysantin.com](http://www.glysantin.com)

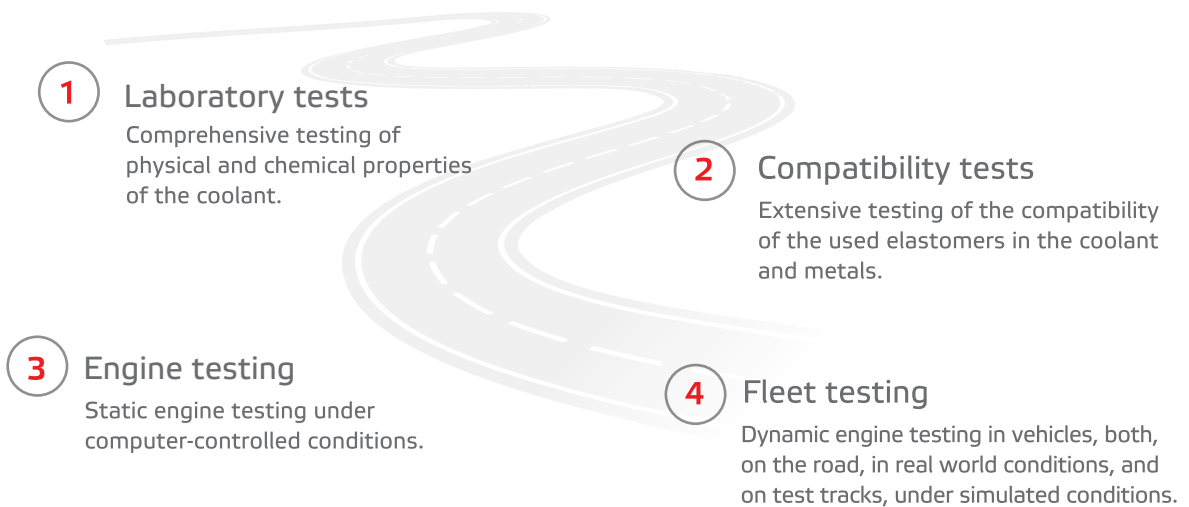


# The engine coolant approval

## What is behind it?

The several years lasting approval process ensures with extensive laboratory testing that the coolant comprehensively protects all materials used in the engine.

## The route to an engine coolant approval



## How to find the right GLYSANTIN® for your vehicle

### Orientation lists

You can use our GLYSANTIN® orientation lists. They can be found and downloaded on our website.



### Product finder

With the GLYSANTIN® online product finder you can quickly and easily find the right GLYSANTIN® product: [www.glysantin.de/en/product-finder](http://www.glysantin.de/en/product-finder)



## GLYSANTIN® – made in Germany since 1929

Already in 1929, BASF patented GLYSANTIN®, since then, the brand is a bestseller. The engine coolant has the most approvals by automotive manufacturers for the first filling and the spare part market. In collaboration with the leading automotive manufacturers, GLYSANTIN® products are continuously adjusted to the latest requirements.



# GLYSANTIN® – today and in the future

For every technology the right engine coolant

---

Whether combustion engine, electric or fuel cell technologies, or hybrid technology: No matter what technology is under your hood, in our GLYSANTIN® portfolio, we always have the right engine coolant.



## Vehicles with combustion engine

Advancements in internal combustion engine technologies continue to be explored to reduce fuel consumption and emissions. In modern cooling systems of smaller, lighter, and hotter engines, there are new challenges a coolant is facing which the GLYSANTIN® products live up to.



## Fully Electric Vehicles

Many of GLYSANTIN® traditional coolant products are already successfully used in electric vehicles and help to keep electric vehicles and their batteries in the ideal temperature area and therefore enable optimum driving range. Beyond that, BASF is developing the product family GLYSANTIN® ELECTRIFIED™ dedicated to meet critical requirements in safety, performance, and lifetime of the respective powertrain technology.



## Hybrid Electric Vehicles

Hybrid electric vehicles represent the most complex challenge from a thermal management point of view. The internal combustion engine requires coolants with excellent overheating protection while the power electronics, the electric engine, and the battery pack operate at significantly lower temperatures. GLYSANTIN® products work effectively in a broad temperature window, allowing for outstanding heat transfer and corrosion protection in both cooling circuits.



## Fuel Cell Vehicles

For current advancements in fuel cell technologies, GLYSANTIN® has developed a coolant especially for fuel cells. Additionally to the renowned triple protection, the product maintains extremely low electrical conductivity which secures the electrical safety of the system and reduces loss of energy.

# GLYSANTIN®: The 3-fold premium protection for the cooling system

With 3-fold protection against corrosion, overheating and frost, GLYSANTIN® protects the long-term functional reliability of cooling systems.

GLYSANTIN® is ideally suited for all engines! Find it in our product finder at [www.glysantin.de/en/product-finder](http://www.glysantin.de/en/product-finder)

“For any further questions, please contact the GLYSANTIN® Team:  
[glysantin@basf.com](mailto:glysantin@basf.com)  
[www.glysantin.com](http://www.glysantin.com)”



[www.glysantin.com](http://www.glysantin.com)



The descriptions, designs, data and information contained herein are presented in good faith, and are based on BASF's current knowledge and experience. They are provided for guidance only, and do not constitute the agreed contractual quality of the product or a part of BASF's terms and conditions of sale. Because many factors may affect processing or application/use of the product, BASF recommends that the reader carry out its own investigations and tests to determine the suitability of a product for its particular purpose prior to use. It is the responsibility of the recipient of product to ensure that any proprietary rights and existing laws and legislation are observed. No warranties of any kind, either express or implied, including, but not limited to, warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth herein, or that the products, descriptions, designs, data or information may be used without infringing the intellectual property rights of others. Any descriptions, designs, data, and information given in this publication may change without prior information. The descriptions, designs, data, and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the descriptions, designs, data or information given or results obtained, all such being given and accepted at the reader's risk. (07/2018)

BASF SE, Carl-Bosch-Str. 38, 67063 Ludwigshafen EVO 2101 en Status: 02/2021