

Information Sheet Product Safety

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BASF Information Sheet Product Safety - No substitute for the safety data sheet !

Date / Revised: 02.07.2019

Version: 4.0

Product: **GLYSANTIN® G64® green**

(ID no. 30631156/ISP_GEN_RW/EN)

Date of print 05.07.2019

1. Substance/preparation and company identification

GLYSANTIN® G64® green

Use: engine coolant

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Fuel and Lubricant Solutions

Telephone: +49 621 60-51555

Telefax number: +49 621 60-6651555

E-mail address: product-safety-auto-refinery@basf.com

2. Chemical nature

Ethane-1,2-diol, inhibitors

3. Specific ingredients

Product contains the following heavy metals:

not applicable

VOC content:

Basis of registration: Ordinance on the Incentive Tax on Volatile Organic Compounds SO 814.018 (OVOC) (Switzerland)

Volatile organic compound VOC: 0,0 %

Basis of registration: Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control)

Volatile organic compound VOC: 0,08 %

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Remarks: The VOC content is calculated based on the product composition. The measurement did not take place.

Product does not contain:

asbestos
 Asphalt
 Extracts (petroleum), residual oil solvent
 Extracts (petroleum), deasphalted vacuum residue solvent
 ethanol
 methanol
 Alkylphenol ethoxylate (APEO)
 biocides
 borate
 Components of animal origin
 Components of plant origin
 Genetically modified organism
 mineral oil
 nanoparticles
 tricresyl phosphate

Halogenated Organo Compounds are neither used as raw materials nor expected to be generated during the manufacturing process of the product(s) listed below. Halogenated Organo Compounds are therefore not expected to be present in this/these products. Regular checks do not take place substances listed in the candidate list acc. to art. 59 (1) and (10) of Regulation (EC) No 1907/2006 Candidate List according to Article 59(1) REACH

BASF checks after each inclusion of new substances in the "Candidate List", whether our products contain such substances in a concentration above 0,1% (w/w). Should this be the case, a corresponding reference will be included in chapter 3 of the relevant EU safety data sheets within four weeks the latest. We will automatically dispatch the updated versions to all customers, which obtained these products from us within the last twelve months.

The a.m. substances are not used in the manufacture of the product either as raw materials or as additives. Therefore the title product has not been analyzed for these substances. However, based on our knowledge of the composition of the raw materials and additives and the manufacturing process involved, it can be stated with a reasonable degree of certainty that the a.m. substances should not be present in the product, except those small ubiquitous traces, which may be detectable all over the world.

F o r n o t i c e : The assessment about the Mineral oil saturated hydrocarbons (MOSH), Mineral oil aromatic hydrocarbons (MOAH) and mineral oil as such, is made based on the CAS numbers registry published by Concawe (reference: Shortlist_reference_matrix_of_imports_CAS_Registry_and_EINECS_numbers_V3-2008-01988-01-E.xls, Version 3.0, November 2008, <https://www.concawe.eu/reach/documents-to-download/>, <https://www.concawe.eu/publication/mineral-oils-safe-human-health/>).

In view of many factors that may affect the processing and use of our product, the data in this publication do not relieve processors of the responsibility to carry out their own inspections and tests, neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose.

BASF does not recommend the use of or claim the suitability of the product in any application and, therefore, the decision to use the product is solely at our customer's own risk. It is the responsibility of our customer to determine whether their manufacturing process and the end application using the product is safe, lawful and technically suitable for the intended use. BASF extends no warranties or guarantees, express or implied, concerning the suitability of the product for any application. This especially pertains to the intended use of the product in any food / medical / pharmaceutical application.

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4. Status of registration in inventories

Country	List/Inventory	Registration status
Australia	AICS, AU	Not listed.
Canada	DSL, CA	Contains a substance(s) that is not listed.
China	IECSC, CN	Can be purchased domestically from BASF. Please contact your sales representative
Relevant for Regulation REACH	REACH	components are registered or exempted This is valid if supplied by BASF SE or one of its EU BASF legal entities. If you purchase from a Non EU BASF company please contact your local sales contact for more information
Japan	ENCS/IS,JP	Can be purchased domestically from BASF. Please contact your sales representative
Korea (south)	ECL, KR	This product contains components which are subject to registration. Please contact your sales representative
New Zealand	NZIOC, NZ	Not listed.
Philippines	PICCS, PH	Can be purchased domestically from BASF. Please contact your sales representative
Switzerland	CHEMINV,CH	Can be purchased domestically from BASF. Please contact your sales representative
Taiwan	TCSI, TW	This product contains component(s) which are not preregistered or registered.
USA	TSCA, US	All substances are listed.

5. Registration in product registers

Country	Number
Switzerland	538602-21
Denmark	2488469
Spain	DRP17-0038648
Sweden	539227-9

If required, notifications in other national product registers can be made on request.

6. Food contact regulations

The product information has not been checked. If required, appropriate checks can be made on request.

7. Branch specific regulations

Compliance with Automotive Lists:

IMDS (International Material Data System)

Revision status: IMDS-ID 534657108

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GADSL (Global Automotive Declarable Substance List)

The product meets the requirements of the above listed reference.

RoHS Directive (2011/65/EU, as amended)

The product meets the requirements of the above listed reference.

Vertical lines in the left hand margin indicate an amendment from the previous version.

This 'Information sheet product safety' provides supplementary information on legal as well as branch specific regulations on chemicals for our products not covered by the material safety data sheet. This document, or any answers or information provided herein by BASF, does not constitute a legally binding obligation of BASF. This information is exclusively for our customers and respective competent authorities. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate at the date of publication of this document, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. THIS STATEMENT EXPIRES 18 MONTHS AFTER THE DATE OF ISSUE or in case of regulatory changes before such date.