



Huishuo

Suzhou Huishuo Biotechnology Co., Ltd

TECHNICAL DATA SHEET

HS 65

Code No: 100201

Valid Date: 07/01/2027

Revision: 1.0

Total Pages: 5

General Characterisation

Chemical Description

Mixture of alkyl glucoside with fatty acid glyceryl ester

Raw Material Basis

Vegetable: coconut & palm kernel oil, sunflower seed oil, glucose, glycerin

Labeling Information

Inci Name(s)

Coco-Glucoside (and) Glyceryl Oleate

Active Ingredient Information

Ingredient

Coco-Glucoside

Glyceryl Oleate

CAS No

68515-73-1, 110615-47-9

68424-61-3





Huishuo

Suzhou Huishuo Biotechnology Co., Ltd

TECHNICAL DATA SHEET

HS 65

Code No: 100201

Valid Date: 07/01/2027

Revision: 1.0

Total Pages: 5

Product Properties

Appearance

Transparent to slightly yellowish viscous product with characteristic odor.

Example of use

HS 65 is commonly utilized as a key ingredient in formulating surfactant cleansing products. Its ability to increase viscosity plays a crucial role in enhancing the thickness of cosmetic cleaning formulations like bath gels, shampoos, and infant care products. Incorporating around 5% of HS 65 results in approximately 1.7% contribution from the dermatologically beneficial alkyl poly glycoside to the final efficacy of the cleansing agent. This enables a potential reduction in the required amount of primary or secondary surfactants in the formulation.

Characteristic Values

The detailed information provided in the sections 'Quality control data' and 'Additional product descriptive data' serves to comprehensively outline the characteristics and attributes of the product.





Huishuo

Suzhou Huishuo Biotechnology Co., Ltd

TECHNICAL DATA SHEET

HS 65

Code No: 100201

Valid Date: 07/01/2027

Revision: 1.0

Total Pages: 5

Quality control data

Data certified for quality release is utilized for each batch

Appearance at room temperature	Conforms to the standard
Odor at room temperature	Conforms to the standard
Water Content (Karl Fischer)	32.0 – 38.0%
Density (20°C)	1.0400 – 1.1000 g/cm ³
Viscosity Brookfield (20°C)	2500-6000mpa.s
pH value (5%)	3.0 – 4.0

Additional product descriptive data

Data certified for quality release is utilized for each batch

Dry residue	62.0 – 68.0%
-------------	--------------

Stabilising Additives / Auxiliaries

Type and concentration

Preservatives

Not present

Storage information





Huishuo

Suzhou Huishuo Biotechnology Co., Ltd

TECHNICAL DATA SHEET

HS 65

Code No: 100201

Valid Date: 07/01/2027

Revision: 1.0

Total Pages: 5

Shelf life

24 months

Storage conditions

In original sealed containers and protected from moisture

Additional information

The product is best processed at temperatures ranging from 15 to 25 °C. Storage at temperatures below 10 °C may cause crystallization, a characteristic property of the product which can be reversed by stirring and heating to 25 - 35 °C. Prolonged storage and transportation at temperatures exceeding 30 °C may result in increased viscosity, which does not affect the efficacy of HS 65. However, appropriate handling adjustments should be made when viscosity increases (viscosity may increase during stirring). Plastic drums, containers and storage tanks made of steel are suitable for storing HS 65, and the product is protected against oxidation through the addition of mixed tocopherols.

Disclaimer





Huishuo

Suzhou Huishuo Biotechnology Co., Ltd

TECHNICAL DATA SHEET

HS 65

Code No: 100201

Valid Date: 07/01/2027

Revision: 1.0

Total Pages: 5

This document, along with any responses or information supplied by Suzhou Huishuo Biotechnology Co., Ltd., does not establish a legally binding agreement with Suzhou Huizhou Biotechnology Co., Ltd. while the descriptions, designs, data, and information contained herein are offered in good faith and believed to be accurate, they are provided solely for your reference. Given the diverse factors that may influence processing or application, we recommend conducting tests to assess the suitability of a product for your specific needs before use. This does not exempt our customers from their responsibility to thoroughly inspect the products upon receipt, nor does it relieve them of any other obligations. No warranties of any kind, whether express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding the products described, designs, data, or information provided herein, or that such products, designs, data, or information can be used without infringing upon the intellectual property rights of others. The descriptions, information, data, or designs provided shall not be deemed part of our terms and conditions of sale under any circumstances.

