

Product Fact Sheet

GLUCOPURE® WET



Nonionic surfactant and solubilizer for hard surface cleaners

Composition	N-C8/10-acyl-N-methyl-glucamin
--------------------	--------------------------------

CLARIANT INTERNATIONAL LTD

Rothausstrasse 61
4132 MuttENZ
Switzerland

Product properties ¹

BUSINESS UNIT INDUSTRIAL &
CONSUMER SPECIALTIES

Appearance (20 °C)	Yellowish liquid
---------------------------	------------------

www.ics.clariant.com
www.clariant.com

Gardener colour	Max. 5
------------------------	--------

Active substance	Approx. 50 %
-------------------------	--------------

Viscosity at 20 °C [mPas]	Approx. 200
----------------------------------	-------------

Density at 25 °C [g/cm³]	Approx. 1.081
--	---------------

pH (10 % t. q. aqueous solution)	Approx. 8.5
---	-------------

Propylene Glycol	Approx. 5.0 %
-------------------------	---------------

HLB (Griffin)	13
----------------------	----

Profile

Glucopure® WET is a mild surfactant with a good cleaning and wetting ability. When used as a surfactant it is especially suitable for bath cleaners with a mild pH value of 3-6 and all purpose cleaners. Glucopure® WET is mild to hard surfaces like plastics or metals common in households and typically does not create corrosion or stress cracking.

In addition Glucopure® WET is an excellent non-EO solubilizer for hydrophobic oils and perfumes.

¹ These characteristics are for guidance only and not to be taken as product specifications. The tolerances are given in the product specification sheet. For further product properties, specifications, safety and ecological data, please refer to the MSDS.

Application example

Mild Bathcleaner (daily shower)

Formulation with 3.0% Citric Acid, 2.0% Sodium Citrate and water

Ingredients (% a.i.)	I	II
C9/11 Pareth-7 (Genapol XS 070)	2,3	-
Glucopure WET	-	2,3
SLES (2EO) (Genapol LRO)	1,0	1,0
Appearance	clear	clear
pH value	3,7	3,7
Soap Scum Removal (IKW)^[1]	7,5 min.	5 min.

CLARIANT INTERNATIONAL LTD

Rothausstrasse 61
4132 MuttENZ
Switzerland

BUSINESS UNIT INDUSTRIAL &
CONSUMER SPECIALTIES

www.ics.clariant.com
www.clariant.com

^[1] According to „Empfehlung zur Qualitätsbewertung für Badezimmerreiniger“,
Qualitätsempfehlungen des Industrieverbandes Körperpflege- und Waschmittel e.V. (IKW),
Referat Putz- und Pflegemittel, Frankfurt a.M. (Fassung 2002)

The cleaner formulation III showed no corrosiveness on metals and no stress-cracking of plastics (Hans-Grohe-Test).

Mildness

Glucopure® surfactants are amongst the mildest surfactants in the market. They are extremely mild to both skin proteins and skin lipids and are therefore very useful for formulations with mildness claims and for sensitive skin and hair.

Compatibility

Glucopure® WET is miscible with all types of surfactants (anionic, non-ionic, cationic and amphoteric), complexing agents and other typical ingredients of hard surface cleaners.

Glucopure are chemically stable in acidic and alkaline media in the pH range of approx. 3-10.

Solublizing properties

Glucopure® WET is an excellent non-EO solubilizer. Especially for terpenoides and preservative actives it shows better results than other non-EO solubilizers.

Use Level

A use level of 2.0 % - 10 % as solubilizer (1.0 to 5 % active) for cleaning applications recommended. For solubilisation significantly lower levels can be already sufficient.

Formulation advice

Glucopure® WET can be added to any step of the process.

Storage and Shelf Life

Glucopure® WET should be stored at room temperature. The shelf life is at least two years when stored in tightly closed containers at room temperature in a clear and aerated place. After this period the product should be analysed for extension of the shelf life.

Safety

Please see Material Safety Data Sheet before handling the material.

CLARIANT INTERNATIONAL LTD

Rothausstrasse 61
4132 MuttENZ
Switzerland

BUSINESS UNIT INDUSTRIAL &
CONSUMER SPECIALTIES

www.ics.clariant.com
www.clariant.com

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. * Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

For sales to customers located within the United States and Canada the following applies in addition:

NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE.

© Trademark of Clariant registered in many countries
© 2012 Clariant International Ltd



CLARIANT INTERNATIONAL LTD