

BRITESIL[®] H 265 HP**Hydrous Sodium Silicate****cod. 08796****Standard Specification**

Appearance	:	white granules
Mol ratio SiO ₂ /Na ₂ O	:	2.61-2.70
SiO ₂	(%)	56.3 - 59.9
Na ₂ O	(%)	21.0 - 23.0
Loss on ignition, 800°C	(%)	18 - 22
Bulk density	(g/l)	675-775

**Standard Methods
of Analysis**

AC 01
AC 01
AC 01
AC 35
AC 26

Typical Data

Mean particle size	(μm)	:	700	AC 27
Particle size distribution:				AC 27
- above 1600 μm	(%)	:	≤ 1	
- above 1180 μm	(%)	:	≤ 20	
- below 250 μm	(%)	:	< 10	
Dissolution at 20 °C, 10 g/l	(g/l)	:	≥ 8	AC 168
Insolubles at 50°C	(%)	:	< 0.2	AC 167
pH (10 g/l in water, 20 °C)		:	11.0	AC 48
Mechanical strength	(%)	:	25	AC 166

Application

Britesil H 265 HP is used in compact laundry and machine dishwash powders and tablets as:

- Builder
- Absorbent for liquid detergent ingredients
- Anti-corrosion agent and
- Stabilizer of bleach agents.

Britesil H 265 HP is suitable for use in especially low alkaline compact laundry and auto-dish formulations. It can be applied up to 20 % in finished formulations without any labeling. Beside of them Britesil H 265 HP provides the high absorption of liquid detergent ingredients like surfactants and low caking tendency of detergent powders.

Britesil H 265 HP

Packing

- 25 kg in paper bags
- 1000 kg in big bags
- Bulk

CAS number : 1344-09-8

EINECS number : 215-687-4

Handling and Safety

See Material Safety Data Sheet of Britesil H 265 HP.

Storage

Britesil H 265 HP should be stored in tightly closed packings in dry warehouse at ambient temperature.

Further Information

For samples, technical service and further information, please contact

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