

## Technical Data Sheet

# GASIL® 23D

### Typical Physical Properties

Properties and test methods	Units	Value
<b>Average Particle Size</b> 4.12 PQ-WAR	µm	4.4
<b>Pore Volume</b> 49.1 PQ-WAR	mlg <sup>-1</sup>	1.8
<b>pH (5% acq.suspension)</b> 52.1 PQ-WAR		7
<b>Loss at 105°C</b> 5.1 PQ-WAR	%	3
<b>Loss at 1000°C*</b> 6.1 PQ-WAR	%	3
<b>Oil Adsorption (Linseed)</b> 54.1 PQ-WAR	g/100g	290
<b>Surface Treatment</b>		None

\*of moisture free product

Gasil 23D complies with the Code of Federal Regulations (CFR 21, part 172.480) and the Food Chemical Codex for direct and indirect food applications and with US and EU Pharmacopoeia for Silicon Dioxide.

The product meets the purity criteria for E551 as defined in European Directive 95/77/EC amended by 2000/63/EC

### Registrations

CAS No.	112926-00-8
EINECS No.	2315454
TSCA AICS DSL/NDSL	
FDA	Silicon Dioxide 21CFR172.480
VwVwS	ID n.849 not hazardous to water
REACH	Preregistered

The information is given in good faith.

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### Description

Synthetic amorphous silica

### Application

Matting agent for printing inks and overprint lacquers. Thickening agent and viscosity modifier. Antiblocking of high clarity polypropylene and PVC films. Anti-caking agent for foods, pharmaceuticals and fine powders

### Packaging

Gasil 23D is supplied in 10kg valve sacks, 14 per pallet or 150kg bulk bags (bulk bags are not suitable for food use).

### Storage and Handling

Store in a dry place and handle sensibly to minimise creation of dust and build up of static electricity.

### Safety Data

Our silicas are fine, light powders and care should be taken to avoid inhaling them. The materials are neither silicotic nor acutely toxic, but safety requires sensible handling to minimise the creation of dust. Face masks should be worn during handling and exhaust ventilation used if available. Because these products are highly adsorbent they may have a drying effect on the skin and routine precautions such as the wearing of gloves and overalls are desirable. For further advice/information consult the Material Safety Data Sheet which is available on request.

**Gasil is a trade mark**

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