

## Product Datasheet

### GU9054 - Chitosan hydrochloride (10 - 120 cps); fungal origin

#### Product Details

Product Name	Chitosan hydrochloride (10 - 120 cps); fungal origin
Glenthams Code	GU9054
CAS Number	70694-72-3
MDL Number	MFCD00161512
Additional CAS	9012-76-4
Related Categories	Natural Products, Chitin & Chitosan, Fungal Origin Chitin & Chitosan, Cosmetic Raw Materials

Loss on Drying	: $\leq 10.0\%$
Arsenic (As)	: $\leq 2.0\text{ppm}$
Lead (Pb)	: $\leq 1.0\text{ppm}$
Mercury (Hg)	: $\leq 1.0\text{ppm}$
Cadmium (Cd)	: $\leq 1.0\text{ppm}$
Heavy Metals	: $\leq 20\text{ppm}$
Degree of Deacetylation	: $\geq 85.0\%$
Origin	: Mushroom
Version	: v1.0

#### About Chitosan hydrochloride (10 - 120 cps); fungal origin

No further details on record.

#### Structure

Molecular Weight	: -
Molecular Formula	: -

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

Physical Description	: Off-white to light-yellow or pale tan powder
Solubility (1% in water)	: Clear to very faintly turbid, colourless to pale yellow solution
pH (1% in water, 20°C)	: 3.0 - 6.0
Viscosity (1% in water, 20°C)	: 10 - 120 cps
Sulphated Ash	: $\leq 2.0\%$

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