

## Product Datasheet

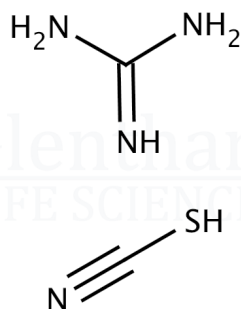
### GE1849 - Guanidine thiocyanate solution, 4M in water

#### Product Details

Product Name	Guanidine thiocyanate solution, 4M in water
Glenthams Code	GE1849
CAS Number	593-84-0
EINECS	209-812-1
MDL Number	MFCD00013027
Additional CAS	113-00-8
Related Categories	Biochemicals, Nucleosides & Nucleotides, Raw Materials (IVD), Thiocyanates, PCR, Reagents for Northern and Southern Blotting, COVID-19 Research & Diagnostics

#### Structure

Molecular Weight	: 118.16
Molecular Formula	: $\text{CH}_5\text{N}_3\text{HSCN}$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

#### CLP Classification

Acute Tox. 4, Acute Tox. 4, Aquatic Chronic 3, Skin Corr. 1C

#### Signal Word

Danger

#### Hazard Codes

H332, H302, H412, H314

#### Precautionary Codes

P304+P340, P273, P280, P301+P330+P331, P305+P351+P338, P303+P361+P353

#### EUH Codes

EUH032

#### Pictograms



#### UN Number, Class, PG (RID)

UN1760 - 8 - PG III

#### Glenthams Product Specification

Physical Description	: Clear, colourless liquid
pH	: 4 - 6
Refractive Index (20°C)	: 1.410 - 1.450
Concentration	: 3.8 - 4.2 M
Version	: v1.0

#### About Guanidine thiocyanate solution, 4M in water

Guanidine thiocyanate is a chaotropic agent, protein denaturant and protector of DNA and RNA. The thiocyanate has an enzyme (nuclease) inhibiting function which, combined with its ability to protect nucleic acids, makes it useful in the study of DNA and RNA. It can be used to deactivate viruses so that they can be studied safely. It is used in PCR, Northern and Southern blotting.