

## Product Datasheet

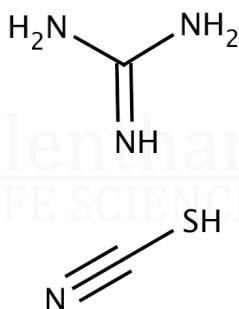
### GE1849 - Guanidine thiocyanate solution, 4M in water

#### Product Details

|                    |   |
|--------------------|---|
| Product Name       | Guanidine thiocyanate solution, 4M in water   |
| Glentham Code      | GE1849  |
| CAS Number         | 593-84-0  |
| EINECS             | 209-812-1   |
| Numéro MDL         | MFC00013027   |
| CAS supplémentaire | 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   |

#### Glentham 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.

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