

## Product Datasheet

### GM8208 - D-Cysteine hydrochloride monohydrate

Precautionary Codes

P280, P261, P302+P352,  
P305+P351+P338

Pictograms

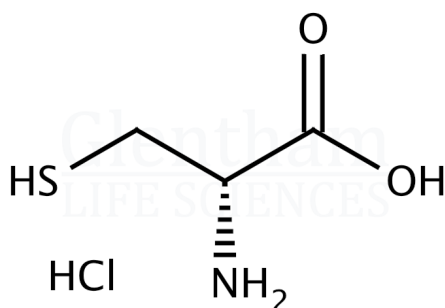


#### Product Details

|                    |                                      |
|--------------------|--------------------------------------|
| Product Name       | D-Cysteine hydrochloride monohydrate |
| Glenthams Code     | GM8208                               |
| CAS Number         | 32443-99-5                           |
| EINECS             | 251-043-9                            |
| MDL-Nummer         | MFCD00150051                         |
| PubChem SID        | 310270757                            |
| Related Categories | Amino Acids, Biochemicals            |

#### Structure

|                   |                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------|
| Molecular Weight  | : 175.63                                                                                     |
| Molecular Formula | : $\text{HSCH}_2\text{CH}(\text{NH}_2)\text{COOH} \cdot \text{HCl} \cdot \text{H}_2\text{O}$ |



#### Glenthams Product Specification

|                                                  |                                         |
|--------------------------------------------------|-----------------------------------------|
| Physical Description                             | : White to off-white powder or crystals |
| Identification (IR)                              | : To conform to standard                |
| Solubility (5% in water)                         | : Clear, colourless solution            |
| Specific Optical Rotation ([α] <sub>20/D</sub> ) | : -4.5 - -7.0 ° (c=5, 1M in HCl)        |
| Assay                                            | : ≥ 98.0%                               |
| Version                                          | : v1.0                                  |

#### About D-Cysteine hydrochloride monohydrate

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, STOT SE 3,  
STOT SE 3, Eye Irr. 2A

Signal Word Achtung

Hazard Codes H315, H336, H335, H319

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