



# SUMITOMO CHEMICAL COMPANY, LIMITED

## ANIMAL NUTRITION DIVISION

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### PRODUCT INFORMATION SHEET

*(DL-Methionine 99% Feed Grade)*

|                           |  |           |
|---------------------------|--|-----------|
| <i>Chemical Name</i>      | DL - 2 - Amino - 4 - (methylthio) butyric acid   |           |
| <i>Chemical Structure</i> | $\text{CH}_3-\text{S}-(\text{CH}_2)_2-\text{CH}-\text{COOH}$ <p style="text-align: center;"> <br/>NH<sub>2</sub></p>   |           |
| <i>Empirical Formula</i>  | C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S   |           |
| <i>Molecular Weight</i>   | 149.21   |           |
| <i>Description</i>        | White crystals or crystalline powder. Distinctive smell.<br>Slightly sweet taste.  |           |
| <i>Specifications</i>     | Content  | Min. 99%  |
|                           | Loss on drying   | Max. 0.3% |
| <i>Shelf life</i>         | 5 years (60 month) in original packing, stored in a dry and cool place.  |           |
| <i>Usage</i>              | Add a quantity recommended for current animal nutrient requirements to feed as a nutritious supplement for all livestock animals. Examples of use include poultry, swine, beef cattle, and aquaculture feed. |           |
| <i>Packaging</i>          | 25kg (55 lbs.) Paper Bag<br>1,000kg (2205 lbs.) Flexible Container Bag   |           |
| <i>Storage</i>            | Store in a cool and dry place.<br>Avoid humidity.<br>Seal container tightly after use.   |           |

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