

|                                      |                    |
|--------------------------------------|--------------------|
| <b>S2555NN</b>                       | <b>Silver Line</b> |
| pentahydrate                         |                    |
| Typical analysis                     |                    |
| Dry solids                           | 55,5%              |
| Silicone dioxide (SiO <sub>2</sub> ) | 28%                |
| Sodium oxide (Na <sub>2</sub> O)     | 28%                |

**Packaging**

500g white plastic jar

**Physical properties, composition and data**

|                       |  |
|-----------------------|--|
| Chemical formula      | Na <sub>2</sub> SiO <sub>3</sub> ·5H <sub>2</sub> O or Na <sub>2</sub> O <sub>3</sub> Si·5H <sub>2</sub> O |
| Chemical group        | Silicates  |
| Atomic weight         | 212.14   |
| Appearance            | Colourless to white powder, crystals, platelets or lumps   |
| Solubility            | Soluble in water   |
| Melting point         | 72.2°C   |
| Boiling point         | Loses crystal water  |
| Density (g/ml)        | 1.75   |
| pH (aqueous solution) | 12.6   |

**Laboratory preparation, applications and practices**

|                        |   |
|------------------------|---|
| Laboratory preparation | Crystallized from a meld of sodium oxide and silicone dioxide at 1089°C |
| Usage                  | Analytical reagent  |

**Transport regulations**

|             |            |
|-------------|------------|
| Tariff code | 2839.11.00 |
|-------------|------------|

