

## PROSILANE™ SC-9105

DECAMETHYLCYCLOPENTASILOXANE (D5)

### PRODUCT DESCRIPTION

SC-9105, Decamethylcyclopentasiloxane (D5) is a member of the cyclic siloxane family, consisting of a five-membered ring structure with alternating silicon and oxygen atoms, each silicon atom bonded to two methyl groups.

### TYPICAL PRODUCT DATA\*

| Property         | Unit              | Typical Value  |
|------------------|-------------------|--|
| CAS\$            | -                 | 541-02-6   |
| Molecular Weight | g/mol             | 370.77   |
| Formula          |                   | C <sub>10</sub> H <sub>30</sub> O <sub>5</sub> Si <sub>5</sub> |
| Appearance       | -                 | Colorless clear liquid   |
| Boiling Point    | °C                | 205  |
| Flash Point      | °C                | 77   |
| Refractive Index | -                 | 1.397  |
| Density          | g/cm <sup>3</sup> | 0.950  |
| Purity           | %                 | ≥99%   |

\*These values are not intended to be used as specifications but as suggested characteristics

### PACKAGING

The size of the available packages can be checked with Sales Department. SC-9105 is typically supplied in 190kg steel drums and 950kg IBC totes.

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEET AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION.

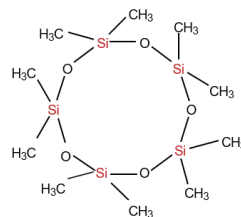
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## TECHNICAL DATA SHEET



### TYPICAL FEATURES AND APPLICATIONS

SC-9105 (D5) is a clear, tasteless, essentially odorless, non-greasy and non-stinging liquid.

SC-9105 (D5) is commonly used in the manufacture of personal care products and in the formulation of silicone polymers. It is a key ingredient in many cosmetic products, offering a smooth feel and rapid evaporation, leaving a non-greasy finish.

SC-9105 (D5) is a base fluid in a number of personal care products, with excellent spreading and lubrication properties and unique volatility characteristics.

### INFORMATION FOR USE

SC-9105 (D5) can be used in antiperspirants, bath oils, deodorants, skin creams, lotions, suntan and shaving products, nail polishes.

SC-9105 (D5) has the right balance between volatility and spreading.

### SHELF LIFE AND STORAGE

In the unopened original container SC-9105 has a shelf life of one year in a dry and cool place.