

Nonionic silicone polyether surfactants or “superwetters”

Product	Molecule	Active (%)	Viscosity (cSt) ⁽¹⁾	HLP EO ⁽²⁾	Surface tension (dynes/cm)			Cloud point ⁽³⁾	Flash point (°C[°F]) ⁽⁴⁾	Properties
					0.100%	0.010%	0.001%			
XIAMETER™ OFX-5211 Superwetting Agent	Trisiloxane	100	41	11.5	21	23.4	36.5	< RT ⁽⁵⁾	101 (214)	Low molecular weight nonionic silicone polyether surfactant. Excellent surface tension reduction. Performance enhancer for agricultural chemicals, especially water-soluble broadleaf herbicides, insecticides, fungicides, and plant growth regulators. Rapid spreading and wetting for agricultural chemicals.
SYLGARD™ OFX-0309 Fluid	Trisiloxane	100	28	10.7	22	23.7	37.6	< RT ⁽⁵⁾	100 (212)	Organic Materials Review Institute (OMRI) Listed low molecular weight nonionic silicone polyether surfactant, developed to improve the wetting, spreading, and penetration of agricultural chemicals. Excellent surface tension reduction. Recommended to enhance performance of agricultural chemicals, especially water-soluble broadleaf herbicides and insecticides, fungicides, and plant growth regulators.

⁽¹⁾Viscosity at 25°C (77°F)

⁽²⁾Calculated by wt% EO/5 method

⁽³⁾1.0% in h₂O, °C (°F)

⁽⁴⁾Flash point closed cup method

⁽⁵⁾RT = Room Temperature