

WS1101

Typical Physical Properties

Product Type	Polyether Silicone Oil
Application	Industry
Brand	SCC
Packaging	200KG/Drum
Instruction Standard	Company Standard
Volatility	Stable at Normal Temperature
Solubility	Water Soluble
pH Value	7±1(1% Aqueous Solution)
Appearance	Semi-transparent Liquid
Specific Gravity	1.00
Ionicity	Nonionic

Key Features and Benefits

- Excellent water solubility.
Soluble to various kinds of working solution with water as medium and simple to use.
- Good stability.
Good stability to acid, alkali and salt, with high degree of tolerance to hard water.
- Environmental protection advantages.
Friendly to the ecological and humankind, does not have high concerned substances covered by the REACH regulation, in line with the EU market access of environmental protection standards.

Potential Applications

- Hand touch finishing for textiles. Suitable to finish on underwear, bed sheet, towels because of its softening effect with good moisture absorption, comfortable to wear.
- Improve softness and fluffy performance on daily chemical products.
- Effect enhancement on cosmetic and skincare products. Applied to paste & cream product with lubricating and anti-wrinkle effect.
- As leveling agent on oil paint and polyurethane paste can bring down internal friction and stress of the molecular to reach leveling and defoaming effect.
- As foam stabilizer in the system of rigid polyurethane foam to make bubble hole being fine and uniform.
- As wetting spreader of glyphosate used in pesticide industry, improve efficacy and reduce pollution.
- A key component for the formulation of self-emulsified defoamer and delayed coking defoamer in oil refining industry.
- As additive to be added in plastic, used in the production of greenhouse plastic film prevent fog and improve the light transmittance.
- Used to make highly effective cutting fluid and top grade cleaning agent.

Packaging

Plastic drum, 200Kg/drum.

Storage

Prevent from freeze and sunlight exposure, placed in a ventilated cool area.

Shelf Life

12 months.

Technical Support

Kindly please be sure to have bulk trials according to actual production conditions to determine the optimum formula. Any questions or suggestion please contact SCC service hotline +86-400-9955331 or visit www.thescc.net to obtain more information. The manual may be updated in accordance with SCC technology; we shall inform you the latest updates timely.

Technology & Application Centre of Shanghai SCC Fine Chemicals Co., Ltd.